

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021688.D
 Acq On : 29 Dec 2021 13:27
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 30 01:15:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 29 00:22:49 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	80414	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	81706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	48607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41723	26.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.280%	
7) Chloroethane-d5	2.879	69	28576	26.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.040%	
11) 1,1-Dichloroethene-d2	4.019	63	52316	22.548	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 90.200%	
21) 2-Butanone-d5	7.080	46	12541	54.065	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.120%	
24) Chloroform-d	7.647	84	60439	24.061	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 96.240%	
26) 1,2-Dichloroethane-d4	8.305	65	32220	24.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 97.160%	
32) Benzene-d6	8.275	84	112166	23.120	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 92.480%	
36) 1,2-Dichloropropane-d6	9.274	67	31030	23.577	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 94.320%	
41) Toluene-d8	10.323	98	113954	23.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.280%	
43) trans-1,3-Dichloroprop...	10.579	79	14969	23.374	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 93.480%	
47) 2-Hexanone-d5	10.920	63	10501	52.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.220%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	27447	25.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 101.200%	
66) 1,2-Dichlorobenzene-d4	13.853	152	43483	23.394	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	14211	29.803	ug/L	99
3) Chloromethane	2.209	50	30275	24.582	ug/L	99
5) Vinyl chloride	2.355	62	47337	26.061	ug/L	99
6) Bromomethane	2.776	94	31589	26.727	ug/L	99
8) Chloroethane	2.916	64	22751	26.285	ug/L	94
9) Trichlorofluoromethane	3.251	101	23271	21.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31938	23.995	ug/L	89
12) 1,1-Dichloroethene	4.038	96	27692	23.262	ug/L	86
13) Acetone	4.123	43	9584	48.662	ug/L	88
14) Carbon disulfide	4.385	76	85337	24.772	ug/L	97
15) Methyl Acetate	4.672	43	10459	27.833	ug/L	# 88
16) Methylene chloride	4.909	84	30752	21.422	ug/L	83
17) trans-1,2-Dichloroethene	5.421	96	29711	23.625	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	43731	24.973	ug/L	# 84
19) 1,1-Dichloroethane	6.214	63	46895	23.901	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	32358	24.787	ug/L	69
22) 2-Butanone	7.165	43	14470	54.043	ug/L	85
23) Bromochloromethane	7.513	128	15756	24.969	ug/L	# 63
25) Chloroform	7.677	83	56012	24.748	ug/L	99

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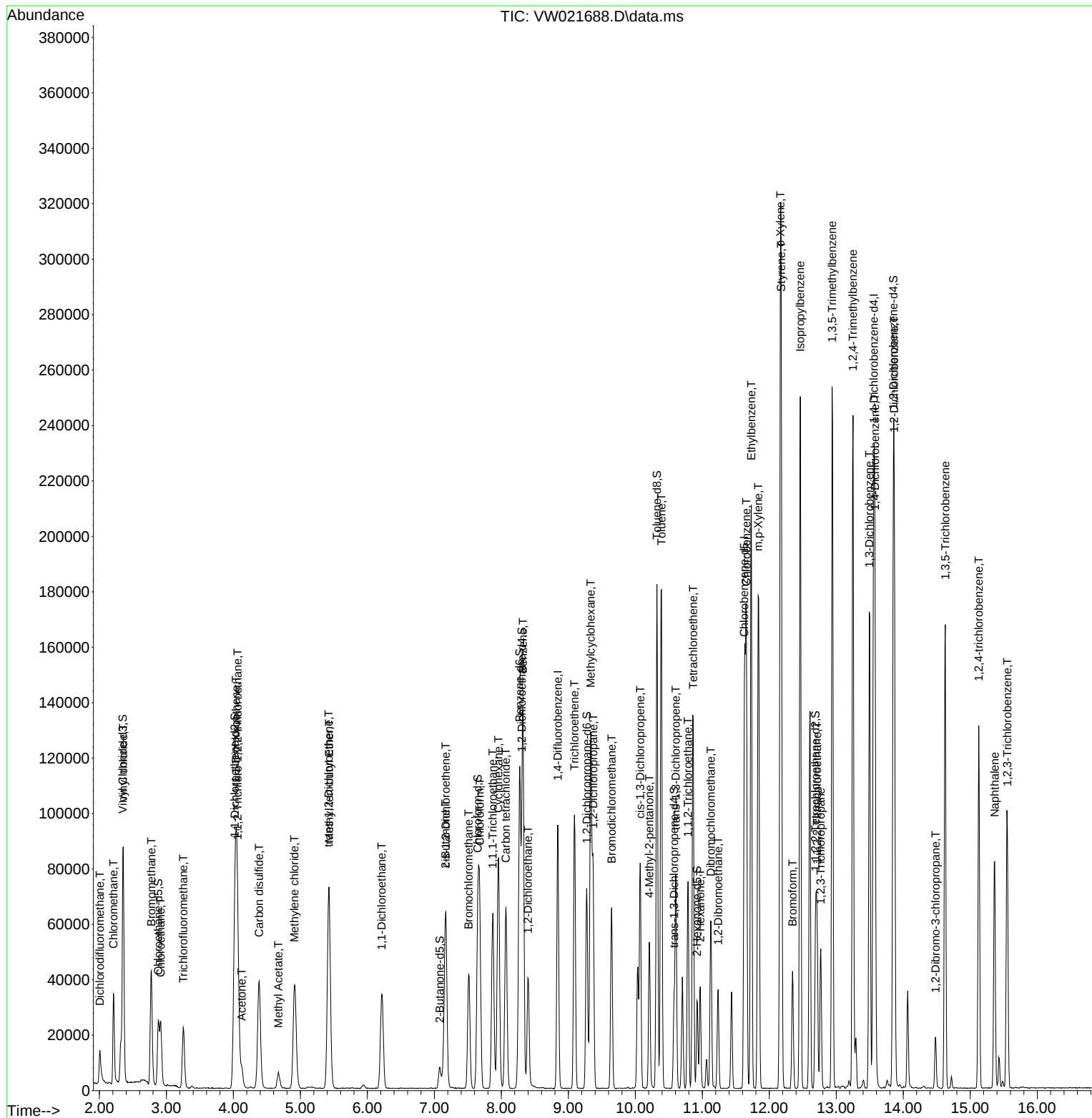
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	35285	24.036	ug/L	100
29) Cyclohexane	7.958	56	42399	22.439	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	51184	23.743	ug/L	95
31) Carbon tetrachloride	8.067	117	49202	23.470	ug/L	98
33) Benzene	8.323	78	116737	23.416	ug/L	100
34) Trichloroethene	9.092	95	32217	22.765	ug/L	91
35) Methylcyclohexane	9.335	83	52842	22.631	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	26583	24.060	ug/L #	94
38) Bromodichloromethane	9.646	83	41419	24.561	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	44320	24.552	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	32047	52.654	ug/L #	92
42) Toluene	10.390	91	135132	23.481	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	39393	24.288	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	23285	25.374	ug/L	95
46) Tetrachloroethene	10.866	164	29819	22.500	ug/L	94
48) 2-Hexanone	10.969	43	22963	55.557	ug/L #	98
49) Dibromochloromethane	11.128	129	31774	25.770	ug/L	93
50) 1,2-Dibromoethane	11.238	107	22994	24.949	ug/L	98
51) Chlorobenzene	11.658	112	88285	23.776	ug/L #	88
52) Ethylbenzene	11.731	91	147153	22.780	ug/L	94
53) m,p-Xylene	11.835	106	58310	22.527	ug/L	91
54) o-Xylene	12.164	106	57443	23.415	ug/L	85
55) Styrene	12.176	104	99438	23.601	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	26059	25.671	ug/L #	93
59) Bromoform	12.347	173	19730	27.812	ug/L #	94
60) Isopropylbenzene	12.463	105	154785	22.844	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	18645	25.067	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	132357	23.105	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	130280	22.896	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	70089	21.909	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	75459	23.655	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	64059	22.935	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	4486	27.391	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	52465	22.325	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	41742	22.252	ug/L	93
71) Naphthalene	15.365	128	72568	23.776	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	34901	22.102	ug/L	96

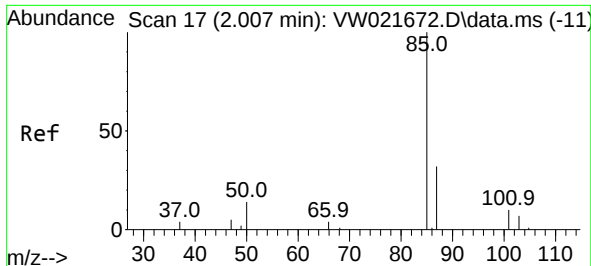
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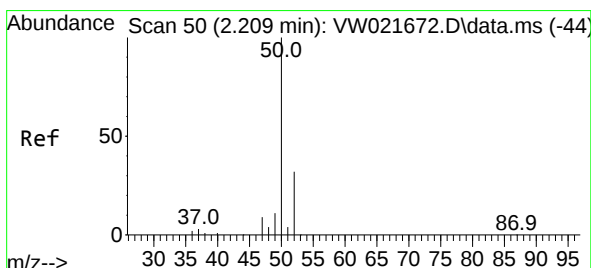
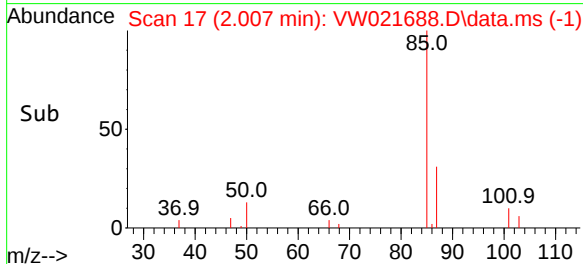
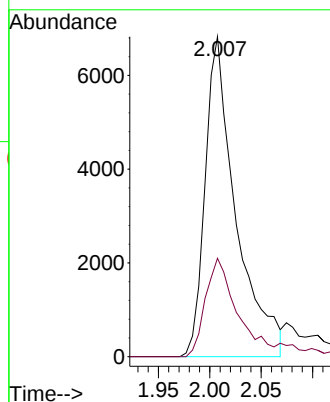
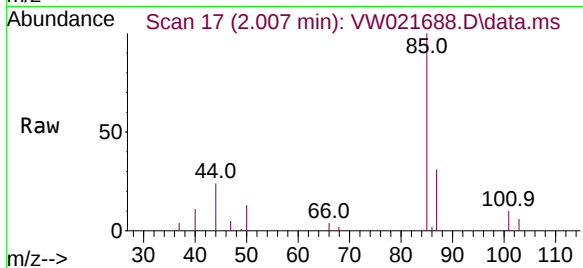




#2
 Dichlorodifluoromethane
 Concen: 29.803 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW021688.D
 Acq: 29 Dec 2021 13:27

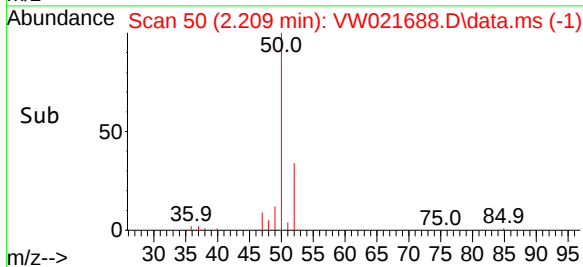
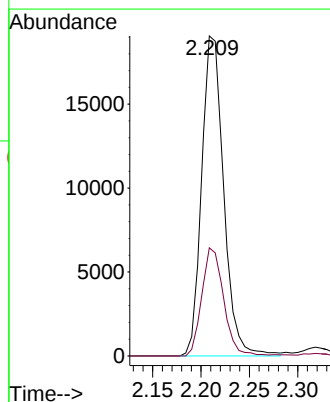
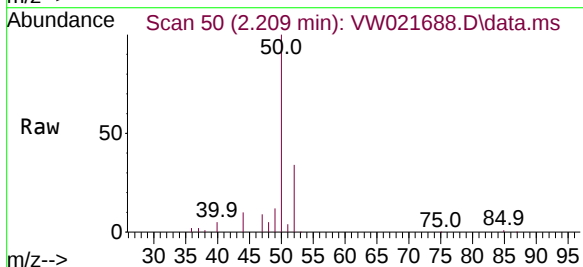
Instrument :
 MSVOA_W
 ClientSampleId :

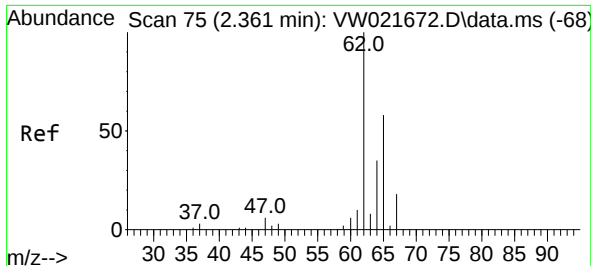
Tgt Ion: 85 Resp: 14211
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.8 38.6



#3
 Chloromethane
 Concen: 24.582 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW021688.D
 Acq: 29 Dec 2021 13:27

Tgt Ion: 50 Resp: 30275
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.4 43.6

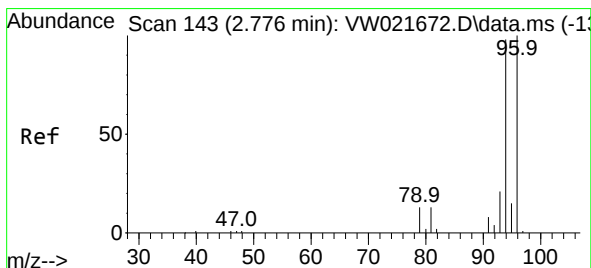
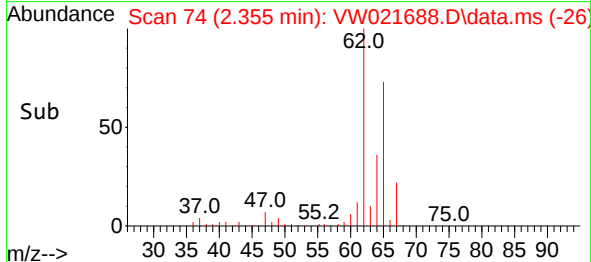
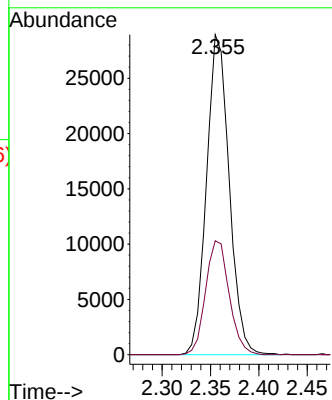
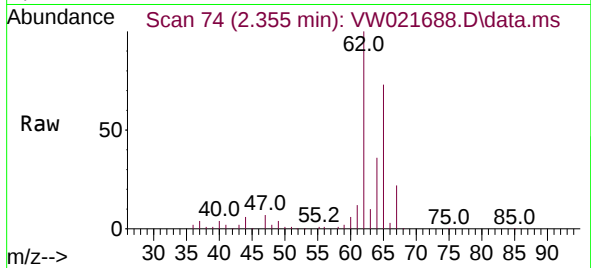




#5
 Vinyl chloride
 Concen: 26.061 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW021688.D
 Acq: 29 Dec 2021 13:27

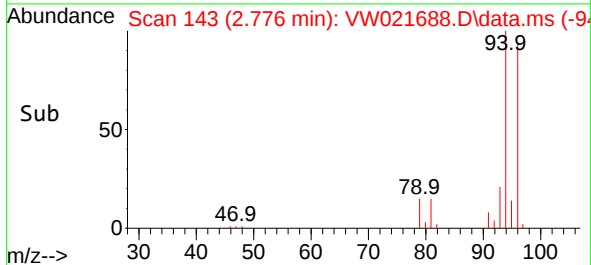
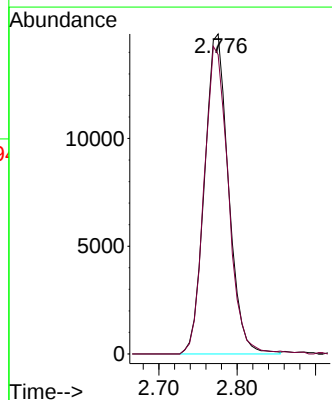
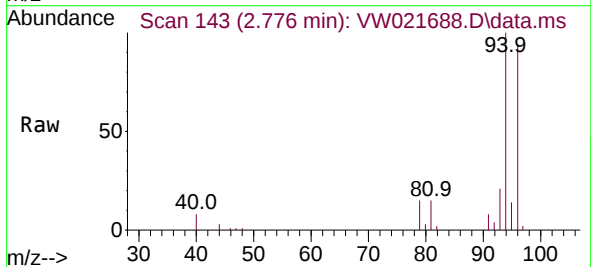
Instrument :
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 ClientSampleId :

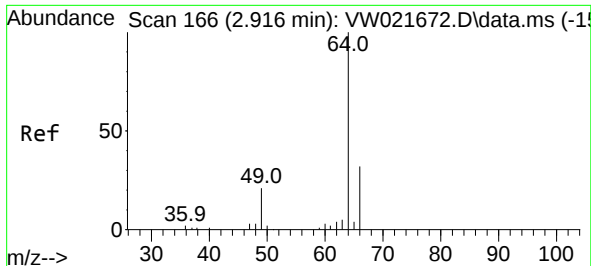
Tgt Ion: 62 Resp: 47337
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.4 45.2



#6
 Bromomethane
 Concen: 26.727 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021688.D
 Acq: 29 Dec 2021 13:27

Tgt Ion: 94 Resp: 31589
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.8 120.4

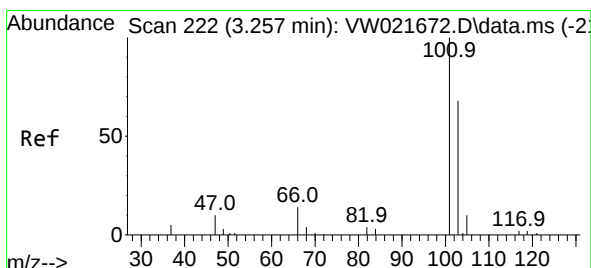
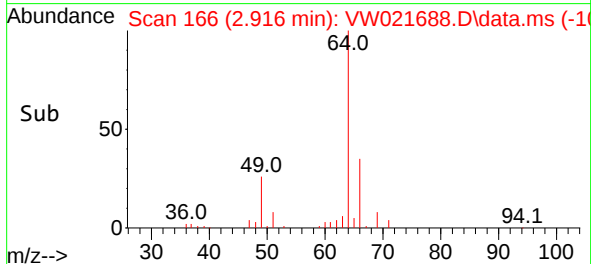
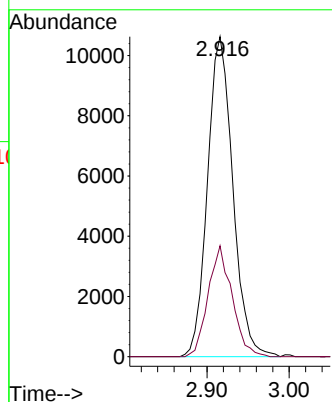
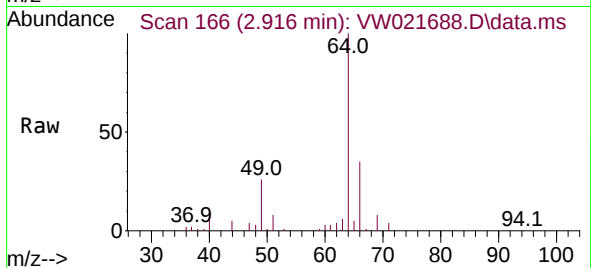




#8
Chloroethane
Concen: 26.285 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

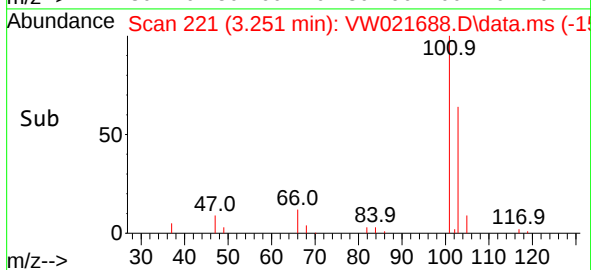
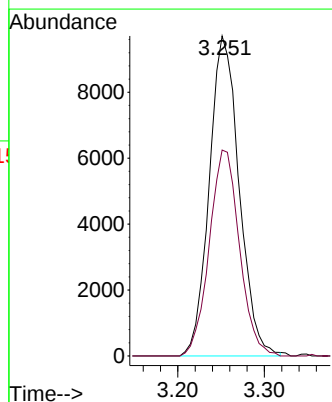
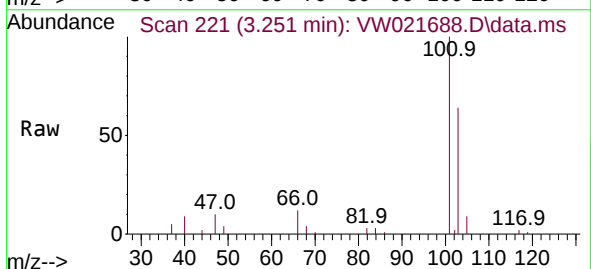
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MSVOA_W
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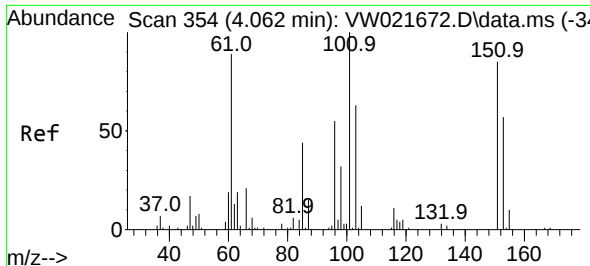
Tgt Ion: 64 Resp: 22751
Ion Ratio Lower Upper
64 100
66 34.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.293 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion: 101 Resp: 23271
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.995 ug/L

RT: 4.062 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :

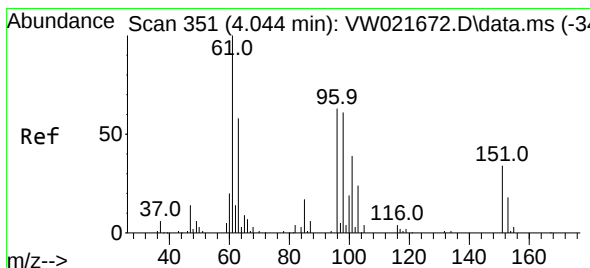
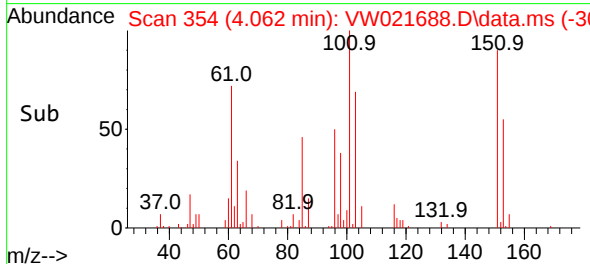
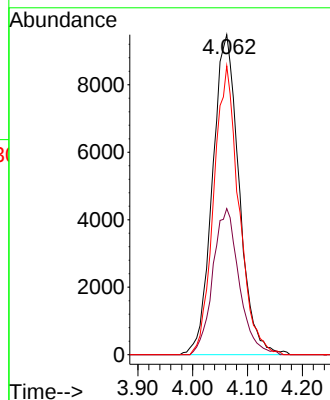
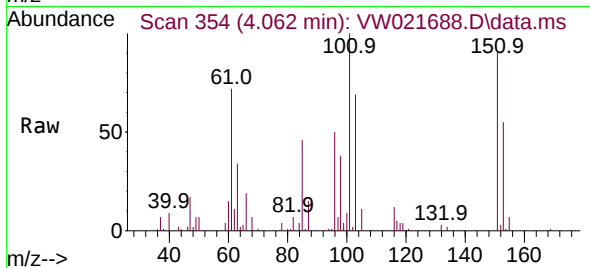
Tgt Ion:101 Resp: 31938

Ion Ratio Lower Upper

101 100

85 44.9 36.6 54.8

151 85.6 57.4 86.0



#12

1,1-Dichloroethene

Concen: 23.262 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.006 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

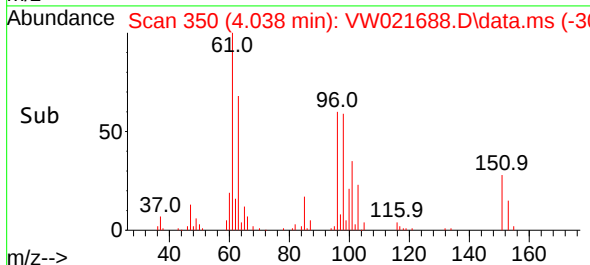
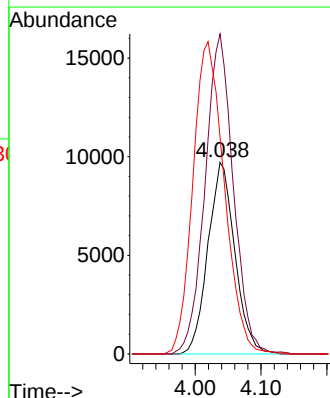
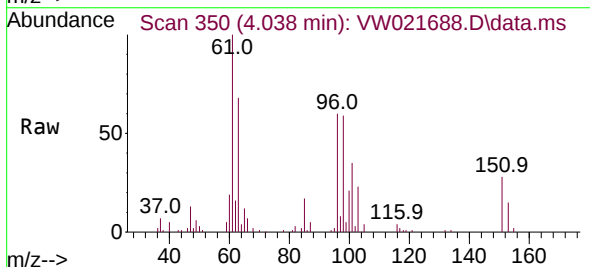
Tgt Ion: 96 Resp: 27692

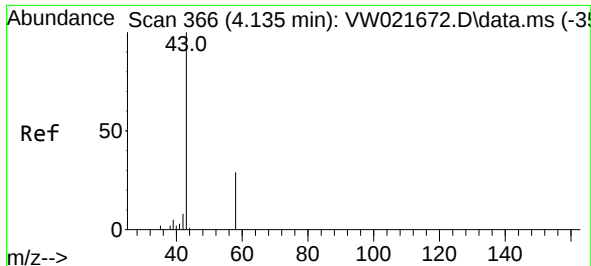
Ion Ratio Lower Upper

96 100

61 167.1 138.3 256.9

63 113.1 82.6 153.4





#13

Acetone

Concen: 48.662 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.012 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

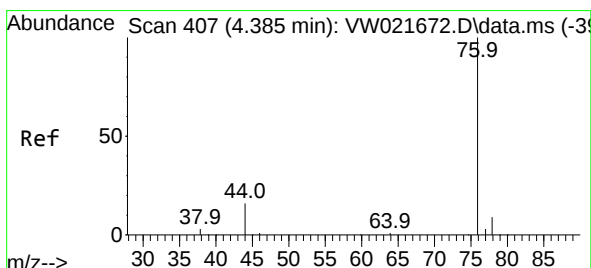
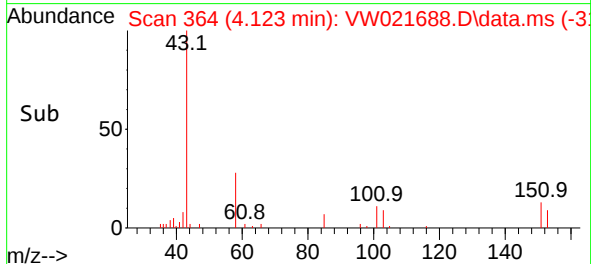
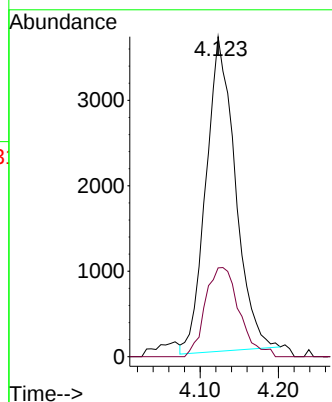
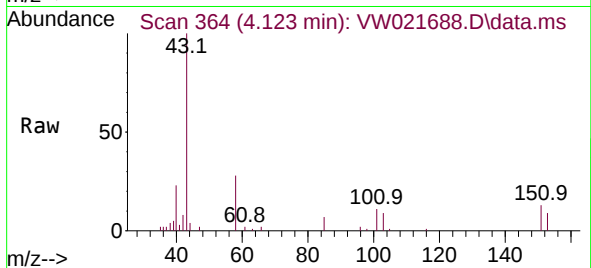
ClientSampleId :

Tgt Ion: 43 Resp: 9584

Ion Ratio Lower Upper

43 100

58 32.5 0.0 52.8



#14

Carbon disulfide

Concen: 24.772 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021688.D

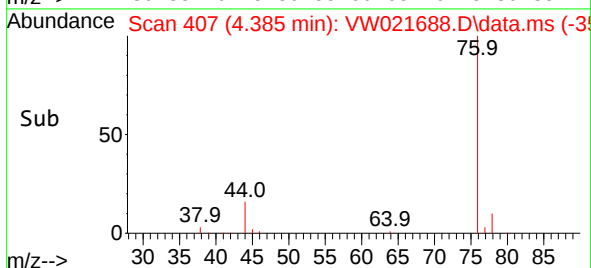
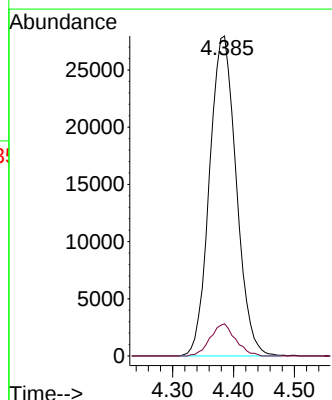
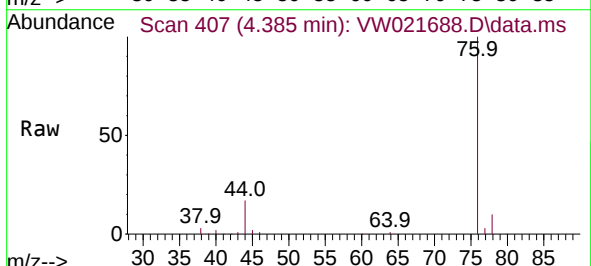
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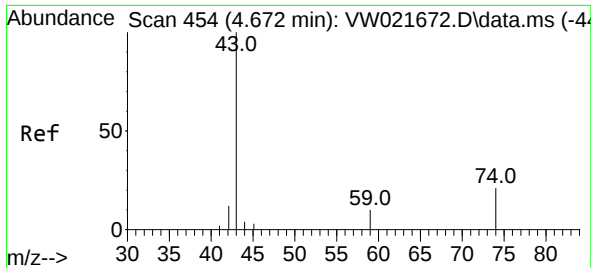
Tgt Ion: 76 Resp: 85337

Ion Ratio Lower Upper

76 100

78 10.1 7.1 10.7

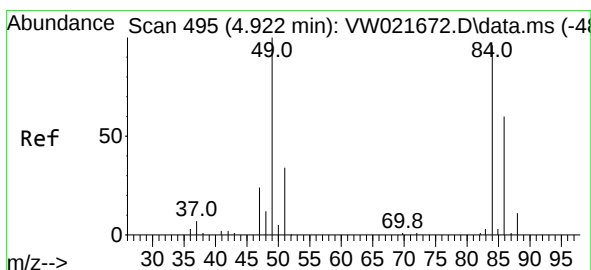
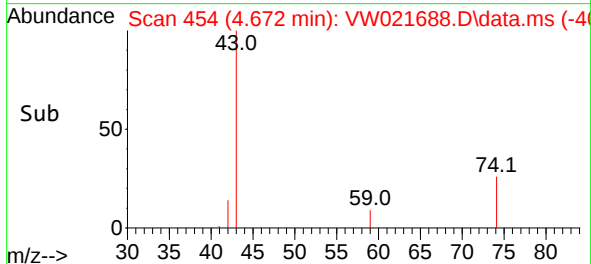
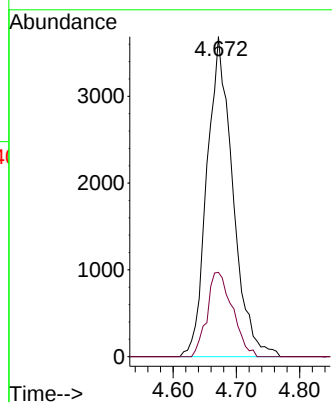
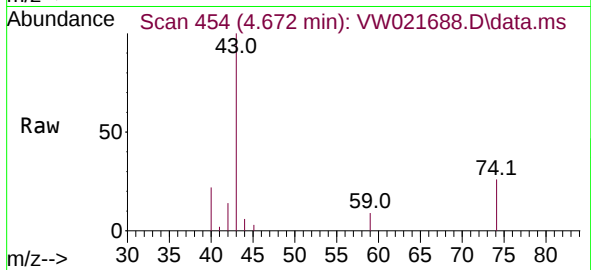




#15
Methyl Acetate
Concen: 27.833 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

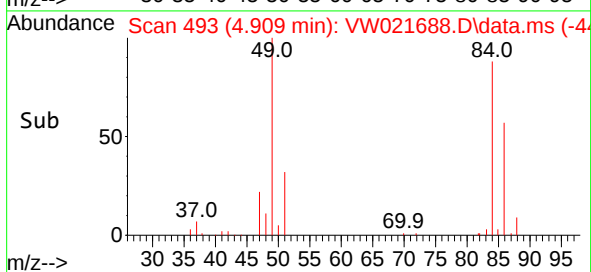
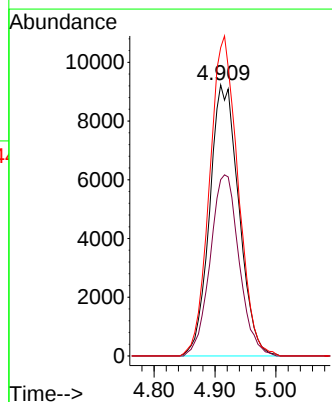
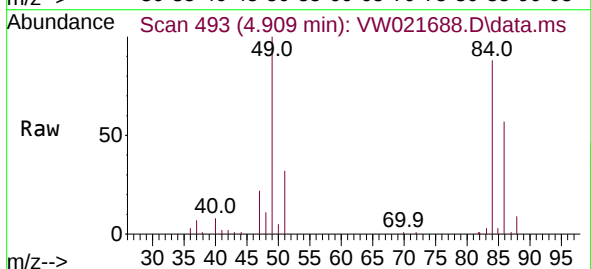
Instrument :
MSVOA_W
ClientSampleId :

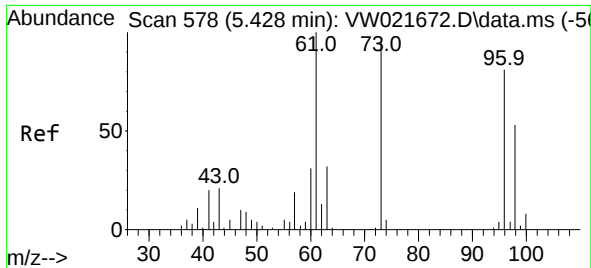
Tgt Ion: 43 Resp: 10459
Ion Ratio Lower Upper
43 100
74 25.9 16.4 24.6#



#16
Methylene chloride
Concen: 21.422 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion: 84 Resp: 30752
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 113.7 100.5 186.7

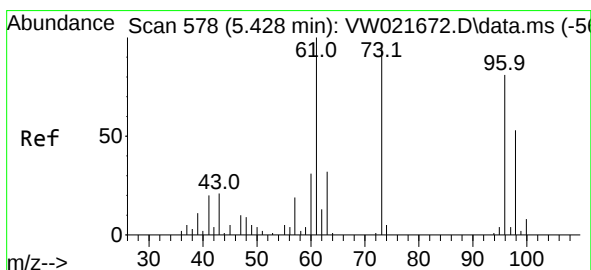
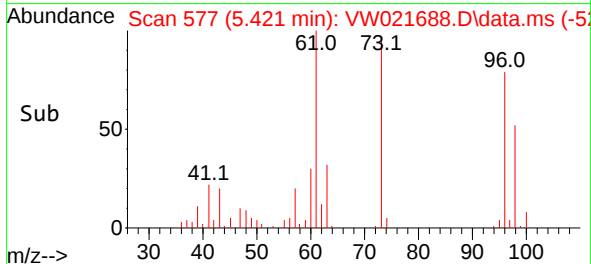
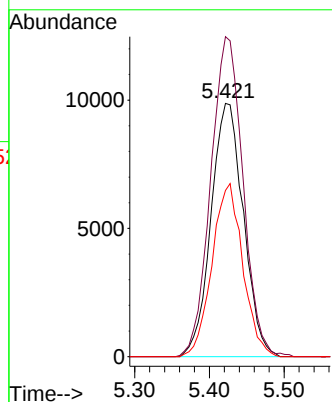
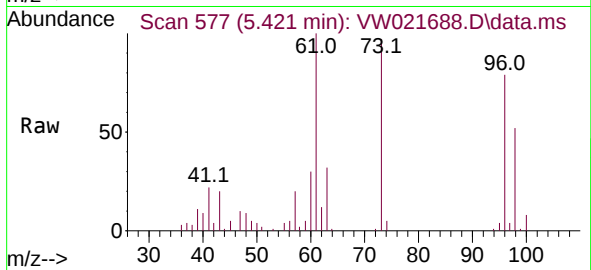




#17
trans-1,2-Dichloroethene
Concen: 23.625 ug/L
RT: 5.421 min Scan# 517
Delta R.T. -0.006 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

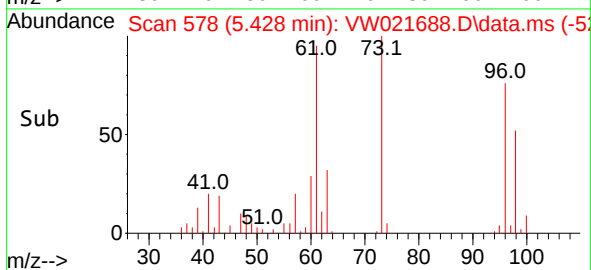
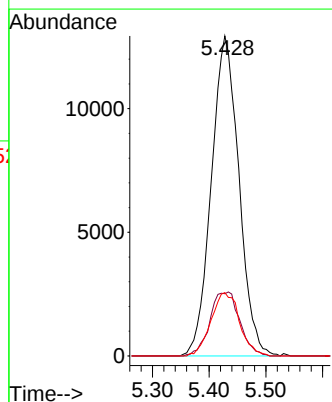
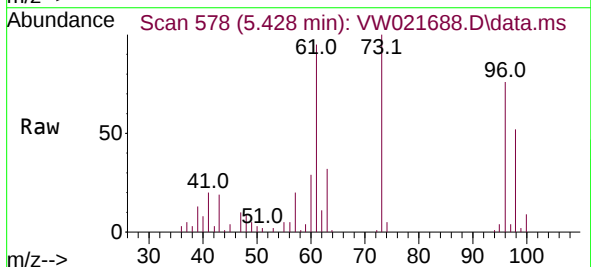
Instrument :
MSVOA_W
ClientSampleId :

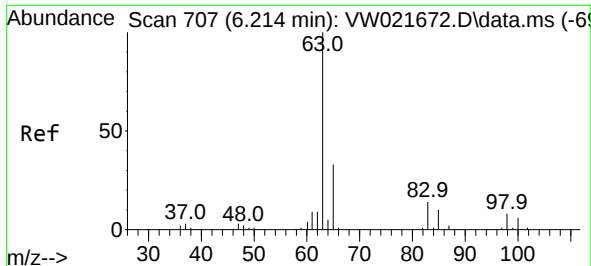
Tgt Ion: 96 Resp: 29711
Ion Ratio Lower Upper
96 100
61 126.3 107.4 199.4
98 65.6 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.973 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion: 73 Resp: 43731
Ion Ratio Lower Upper
73 100
43 11.8 19.5 29.3#
57 20.6 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.901 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021688.D

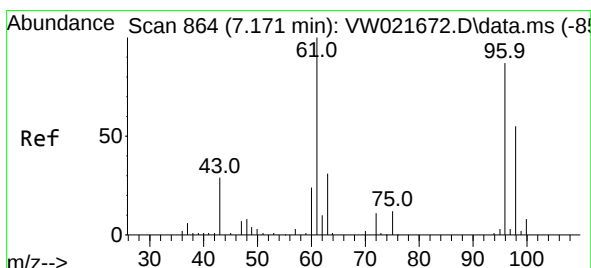
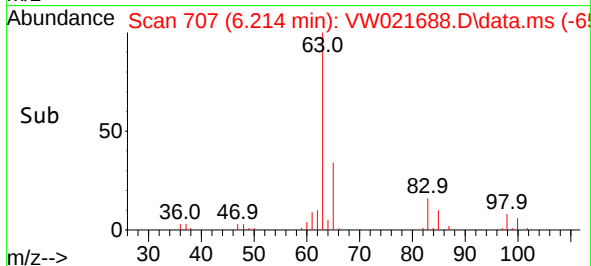
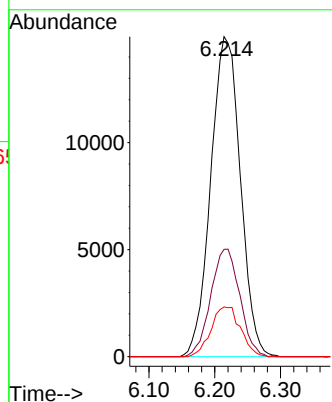
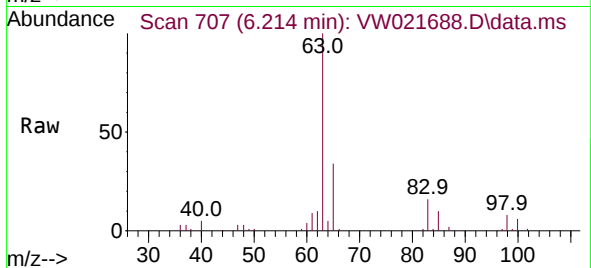
Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	46895
Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.1	41.1
83	15.5	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.787 ug/L

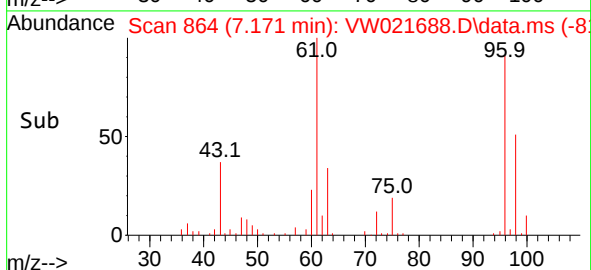
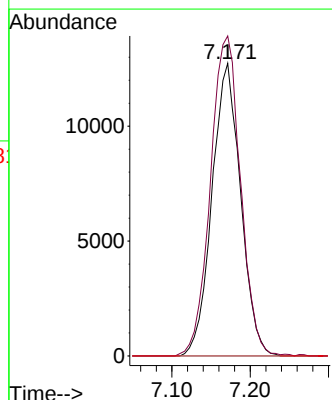
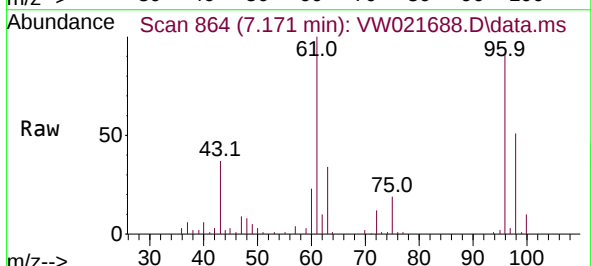
RT: 7.171 min Scan# 864

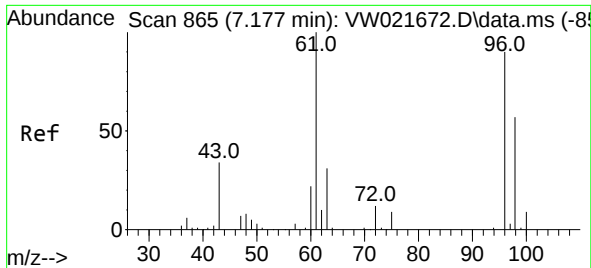
Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Tgt Ion:	96	Resp:	32358
Ion	Ratio	Lower	Upper
96	100		
61	109.4	103.7	192.7
68	0.0	0.0	0.0

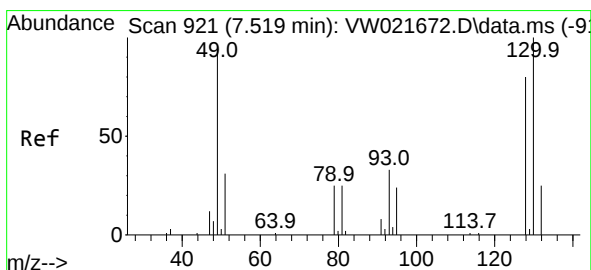
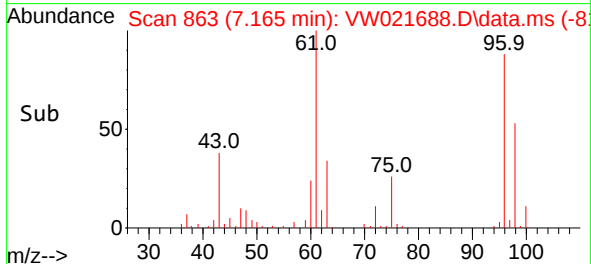
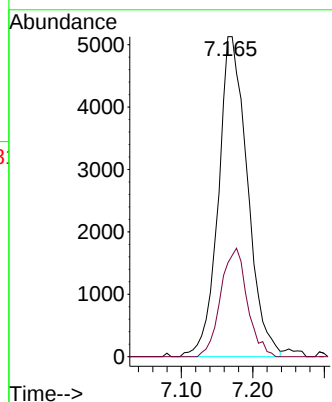
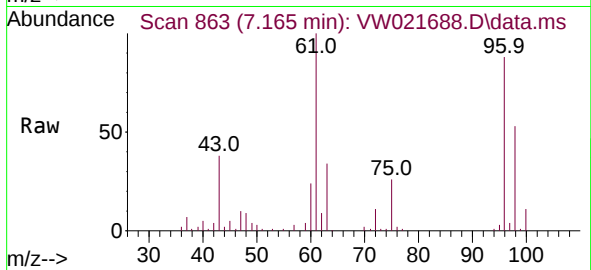




#22
2-Butanone
Concen: 54.043 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.012 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

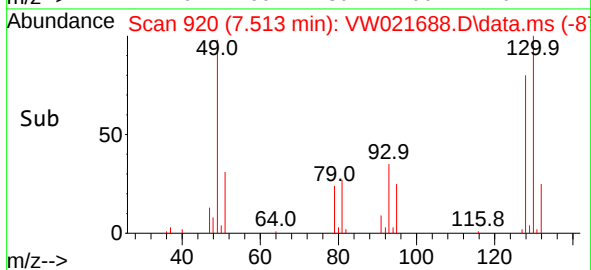
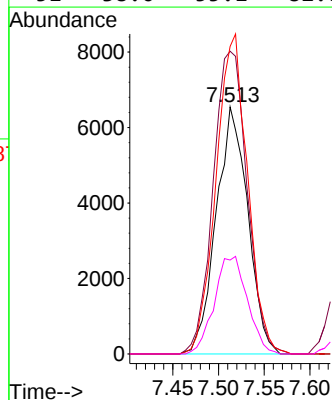
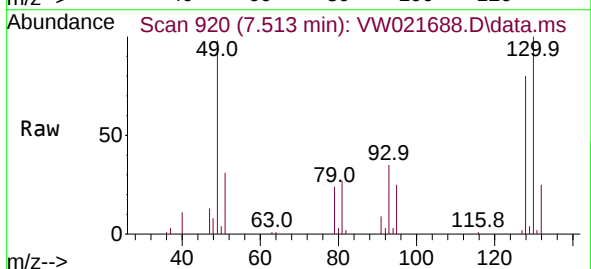
Instrument :
MSVOA_W
ClientSampleId :

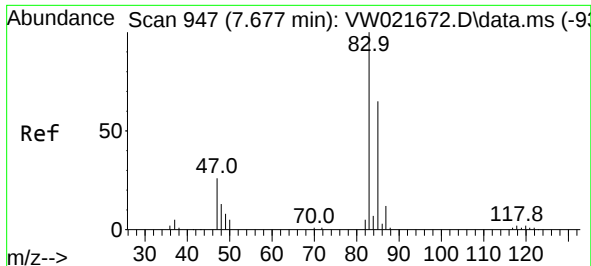
Tgt Ion: 43 Resp: 14470
Ion Ratio Lower Upper
43 100
72 30.9 11.8 35.4



#23
Bromochloromethane
Concen: 24.969 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion: 128 Resp: 15756
Ion Ratio Lower Upper
128 100
49 122.5 150.3 279.1#
130 124.5 88.3 163.9
51 38.0 55.1 82.7#

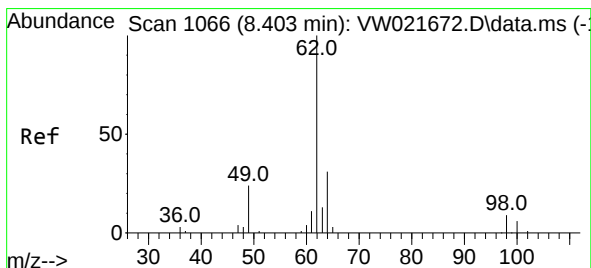
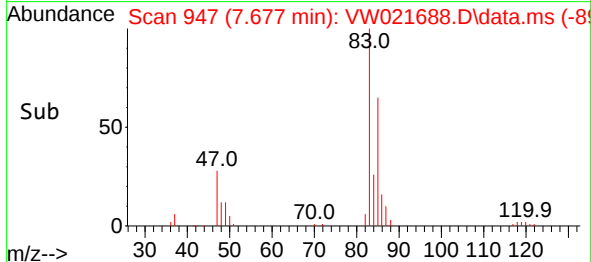
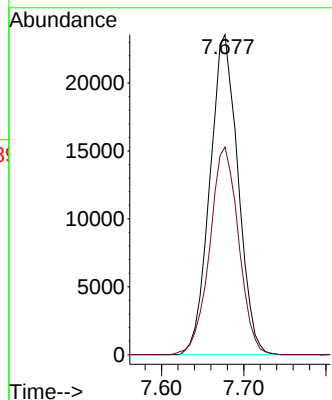
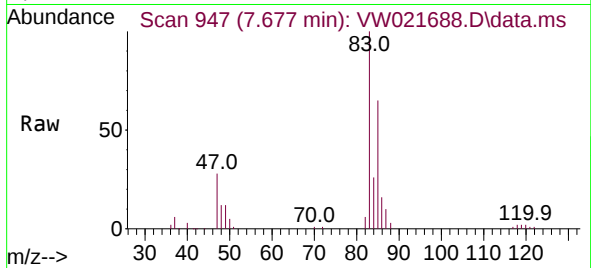




#25
Chloroform
Concen: 24.748 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

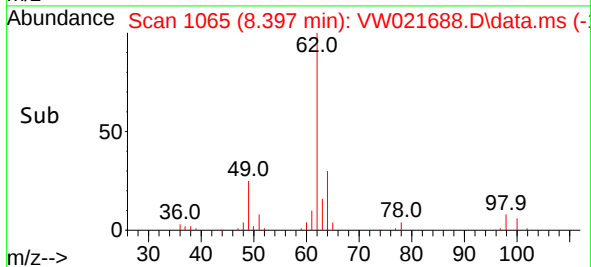
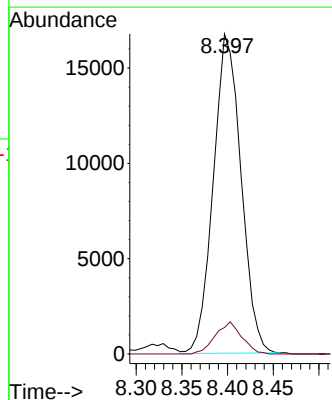
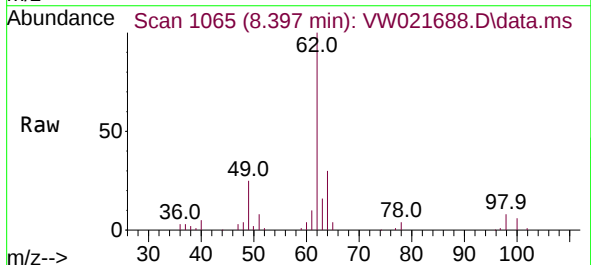
Instrument :
MSVOA_W
ClientSampleId :

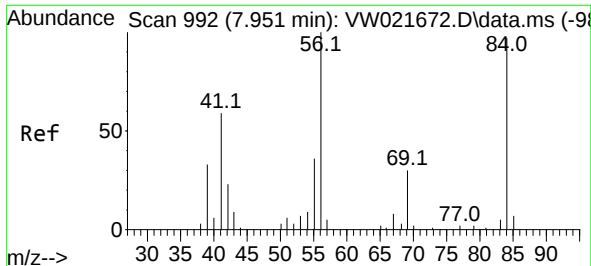
Tgt Ion: 83 Resp: 56012
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.036 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

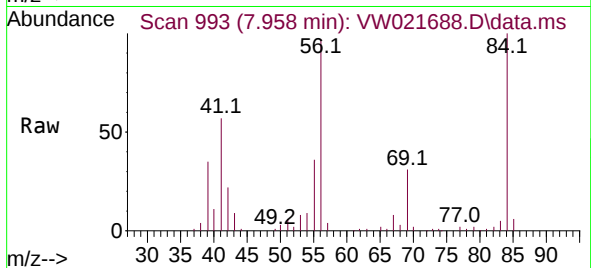
Tgt Ion: 62 Resp: 35285
Ion Ratio Lower Upper
62 100
98 8.2 6.5 9.7



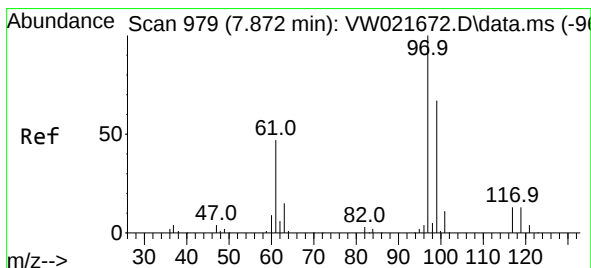
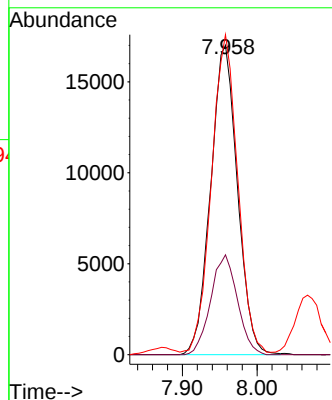
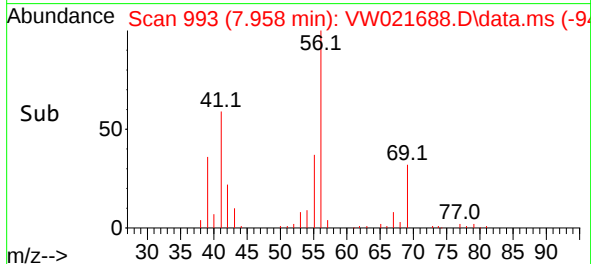


#29
Cyclohexane
Concen: 22.439 ug/L
RT: 7.958 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Instrument :
MSVOA_W
ClientSampleId :

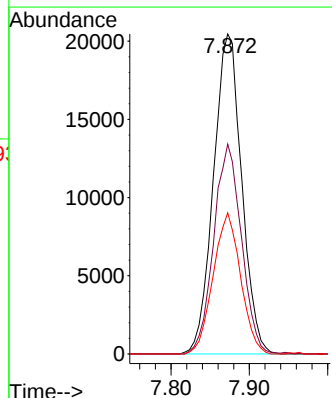
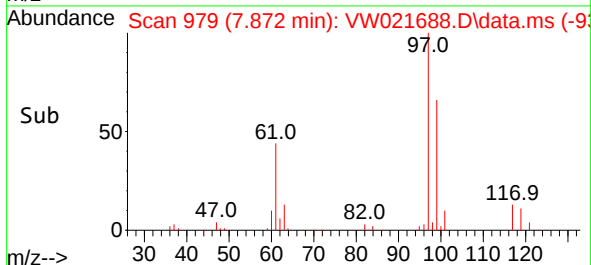
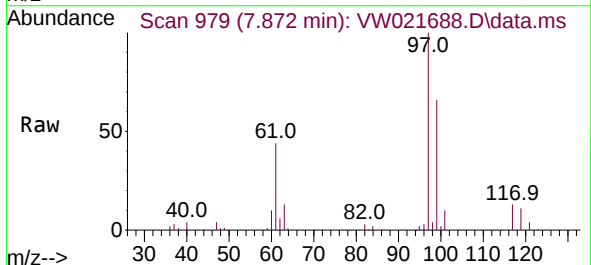


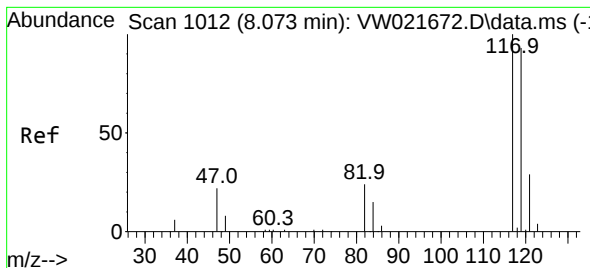
Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.1	23.5	35.3
84	101.8	63.4	95.2



#30
1,1,1-Trichloroethane
Concen: 23.743 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	42.9	40.9	61.3





#31

Carbon tetrachloride

Concen: 23.470 ug/L

RT: 8.067 min Scan# 1012

Delta R.T. -0.006 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

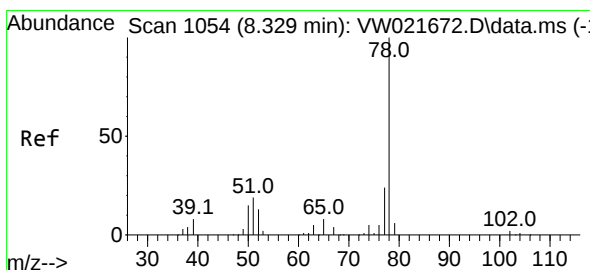
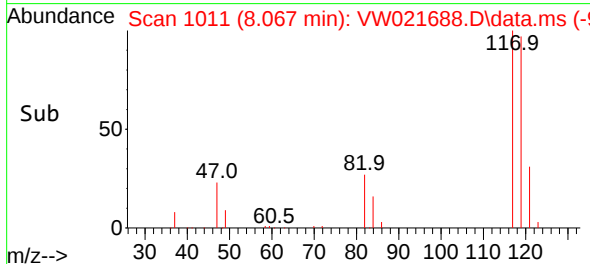
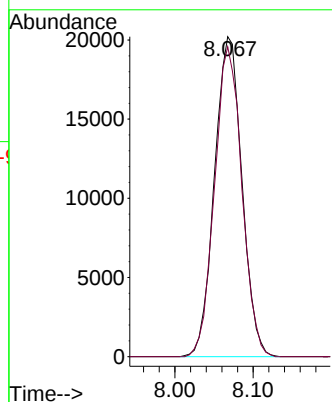
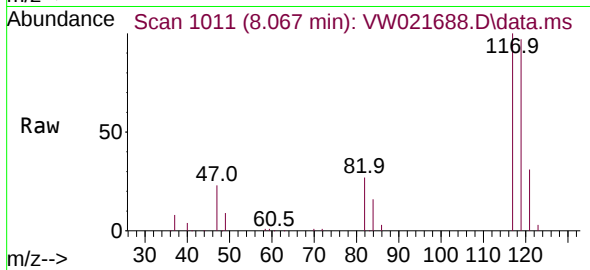
ClientSampleId :

Tgt Ion:117 Resp: 49202

Ion Ratio Lower Upper

117 100

119 96.3 75.7 113.5



#33

Benzene

Concen: 23.416 ug/L

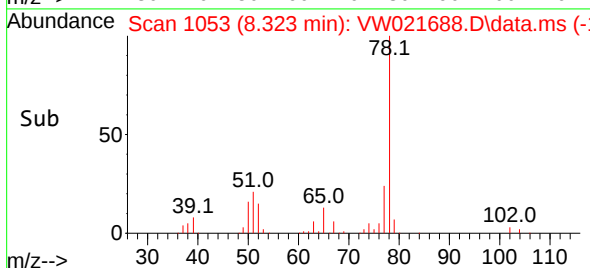
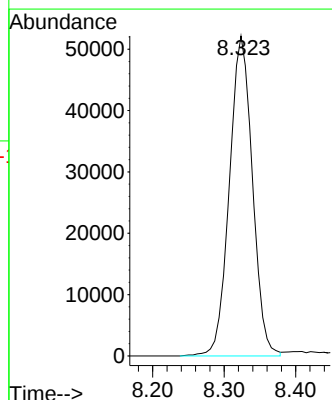
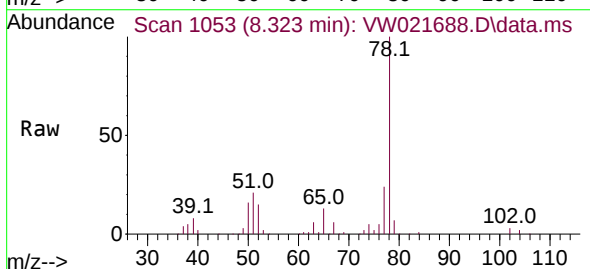
RT: 8.323 min Scan# 1053

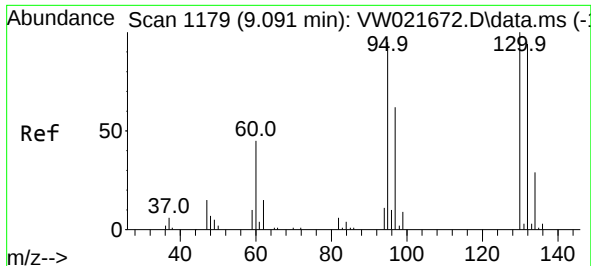
Delta R.T. -0.006 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

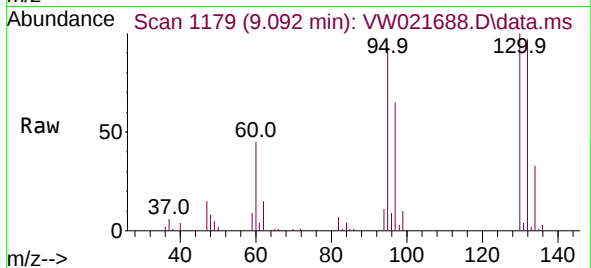
Tgt Ion: 78 Resp: 116737



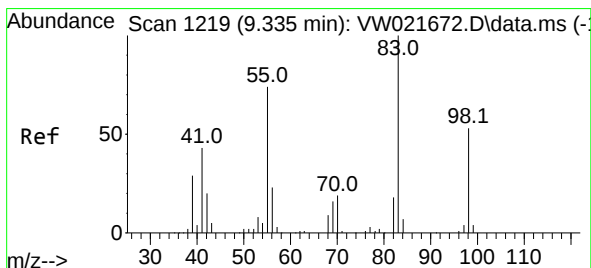
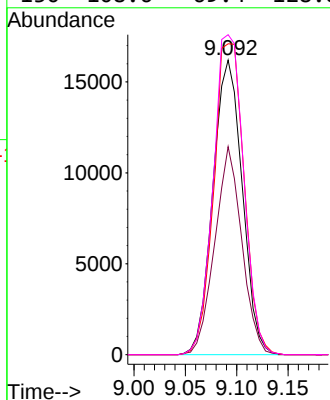
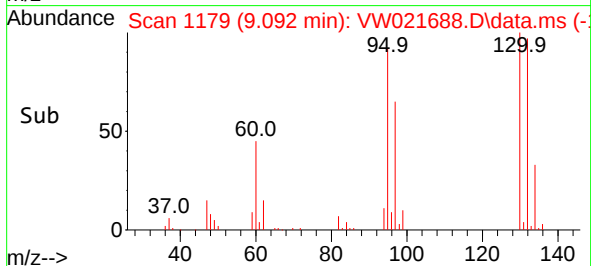


#34
Trichloroethene
Concen: 22.765 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

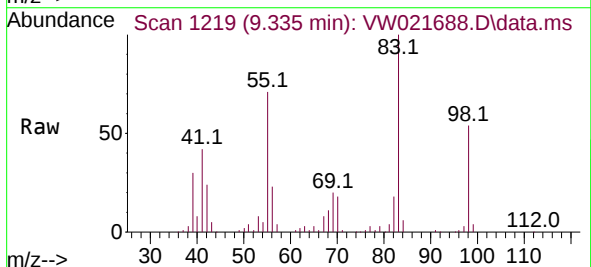
Instrument :
MSVOA_W
ClientSampleId :



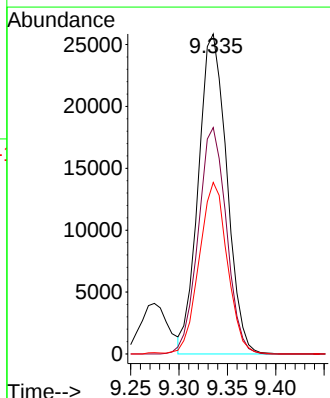
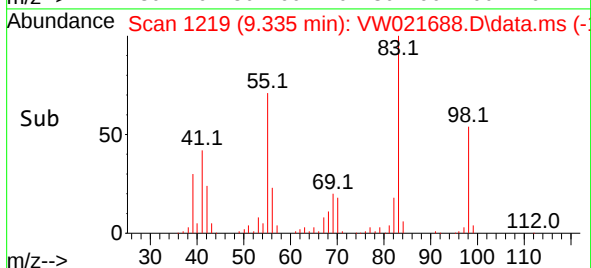
Tgt Ion: 95 Resp: 32217
Ion Ratio Lower Upper
95 100
97 70.6 47.0 87.2
132 105.5 65.5 121.6
130 108.6 69.4 128.8

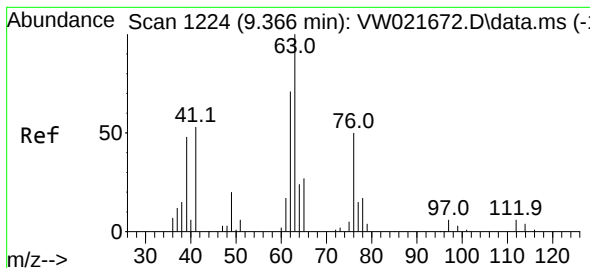


#35
Methylcyclohexane
Concen: 22.631 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27



Tgt Ion: 83 Resp: 52842
Ion Ratio Lower Upper
83 100
55 70.0 70.8 106.2#
98 53.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.060 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

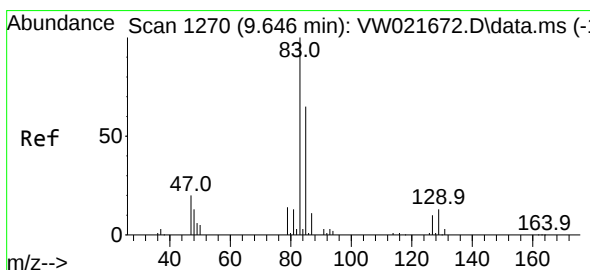
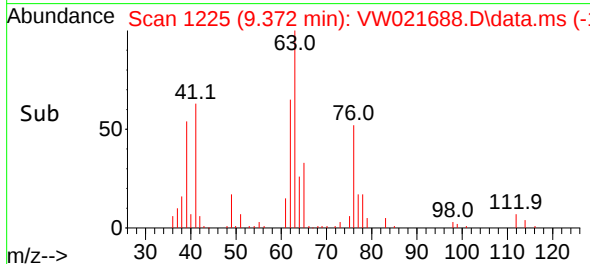
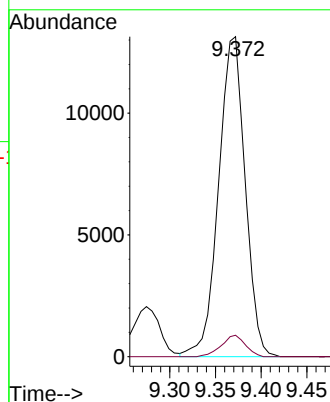
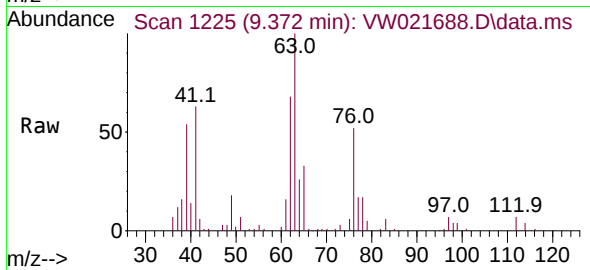
ClientSampleId :

Tgt Ion: 63 Resp: 26583

Ion Ratio Lower Upper

63 100

112 6.1 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.561 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

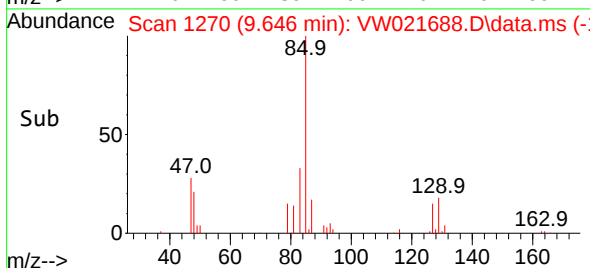
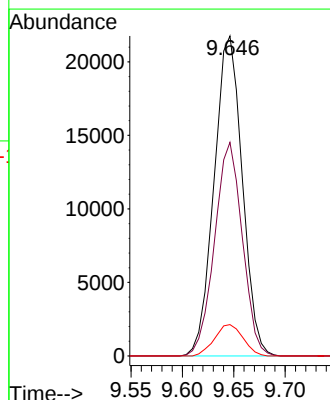
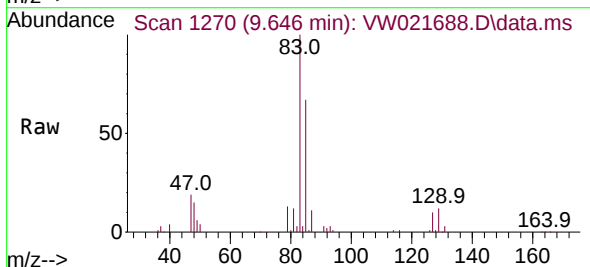
Tgt Ion: 83 Resp: 41419

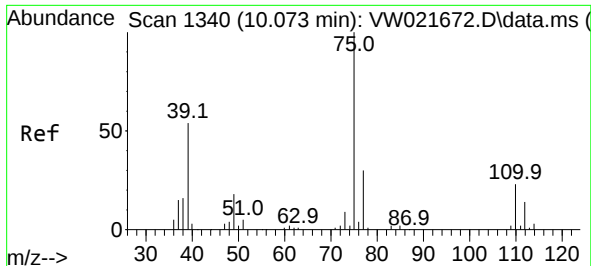
Ion Ratio Lower Upper

83 100

85 66.7 44.1 81.9

127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.552 ug/L

RT: 10.073 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

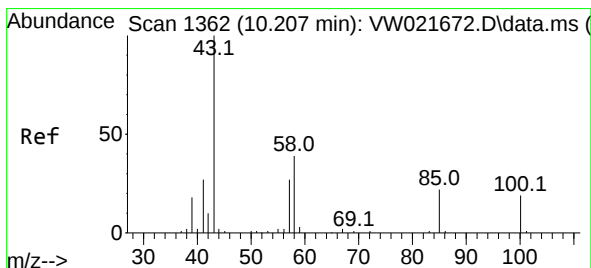
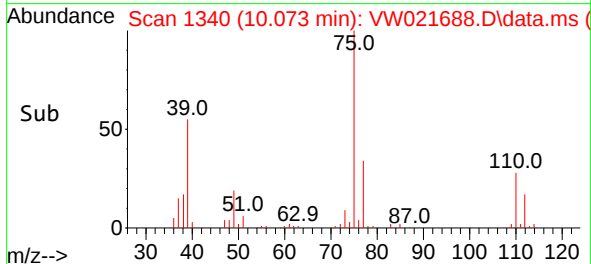
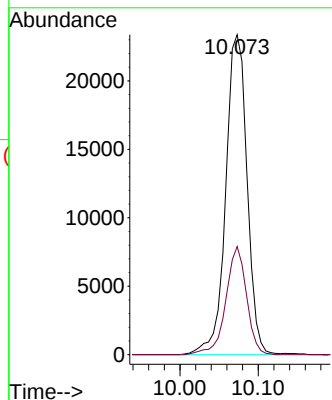
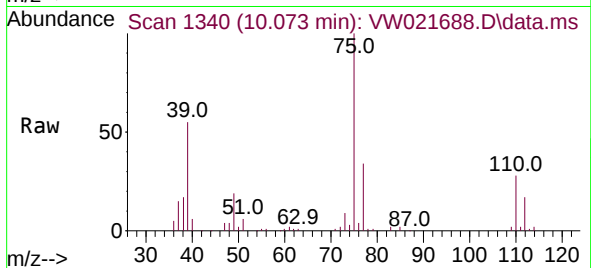
ClientSampleId :

Tgt Ion: 75 Resp: 44320

Ion Ratio Lower Upper

75 100

77 33.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 52.654 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

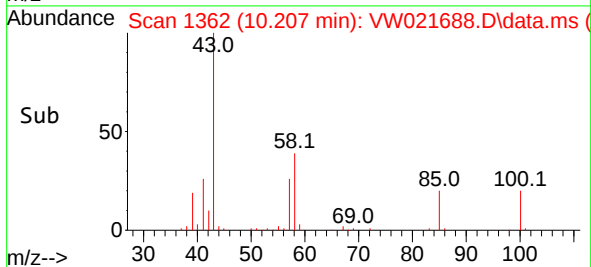
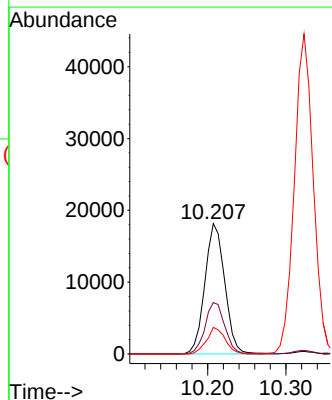
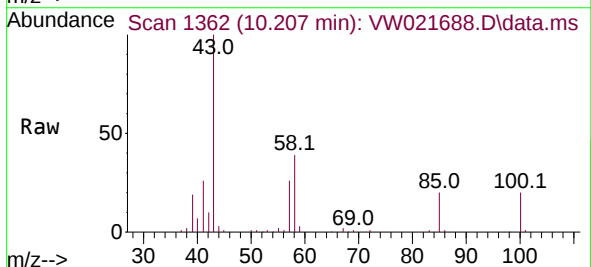
Tgt Ion: 43 Resp: 32047

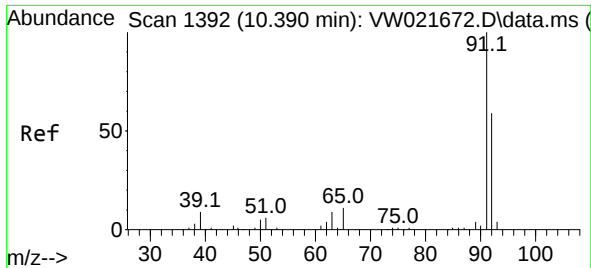
Ion Ratio Lower Upper

43 100

58 39.0 28.8 43.2

100 18.9 10.0 15.0#





#42

Toluene

Concen: 23.481 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

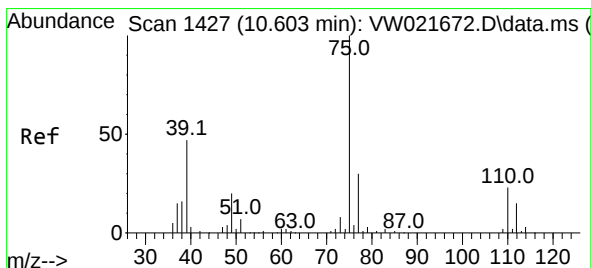
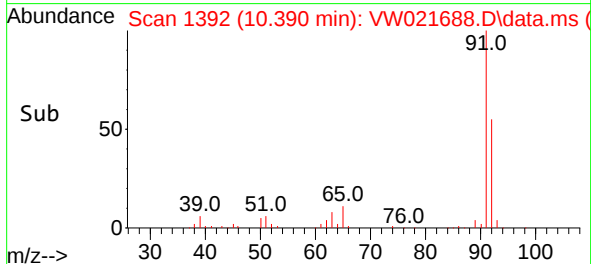
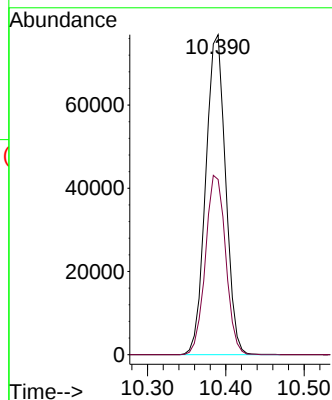
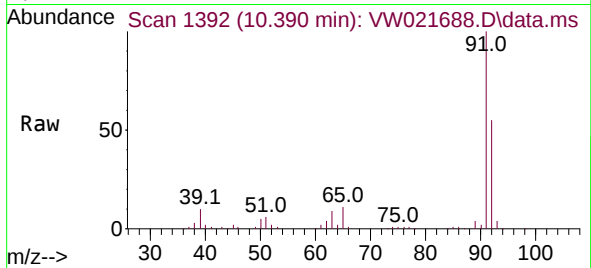
ClientSampleId :

Tgt Ion: 91 Resp: 135132

Ion Ratio Lower Upper

91 100

92 54.7 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 24.288 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021688.D

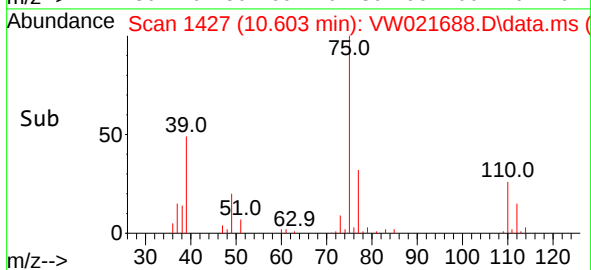
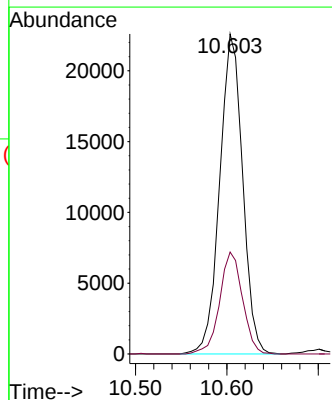
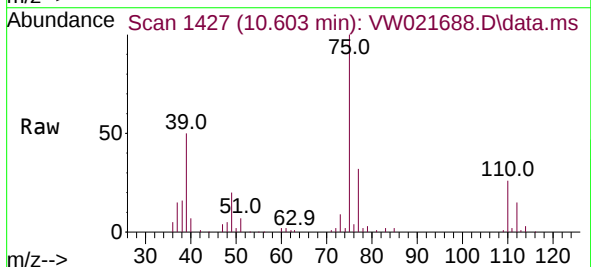
Acq: 29 Dec 2021 13:27

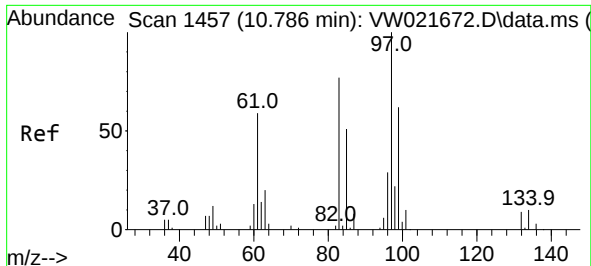
Tgt Ion: 75 Resp: 39393

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 25.374 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 23285

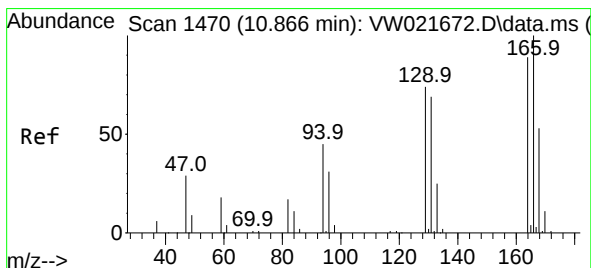
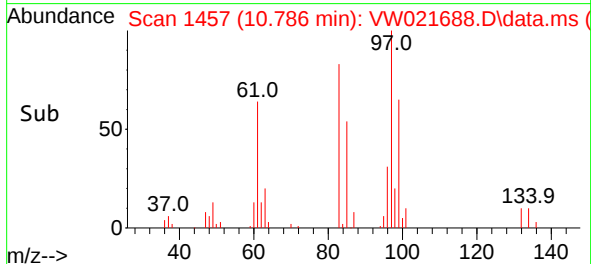
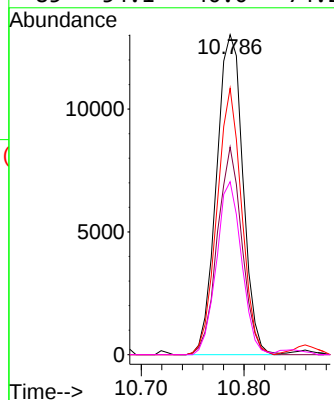
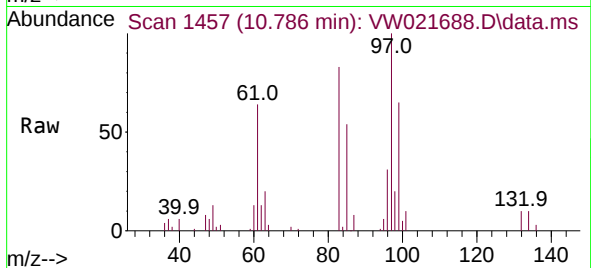
Ion Ratio Lower Upper

97 100

99 64.9 43.0 79.8

83 83.3 62.6 116.3

85 54.1 40.0 74.2



#46

Tetrachloroethene

Concen: 22.500 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Tgt Ion:164 Resp: 29819

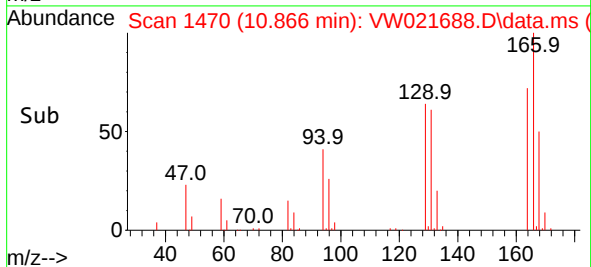
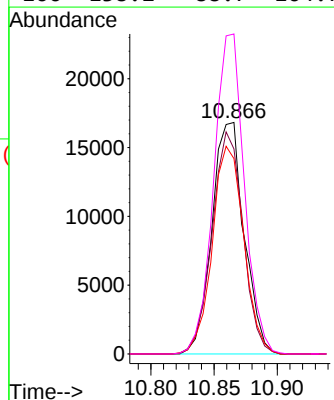
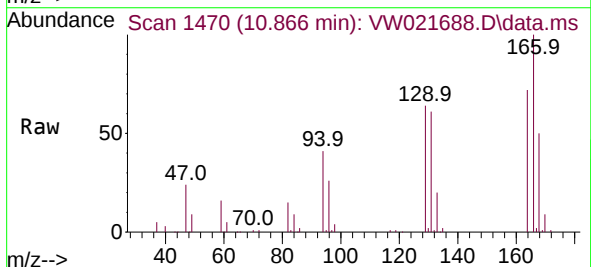
Ion Ratio Lower Upper

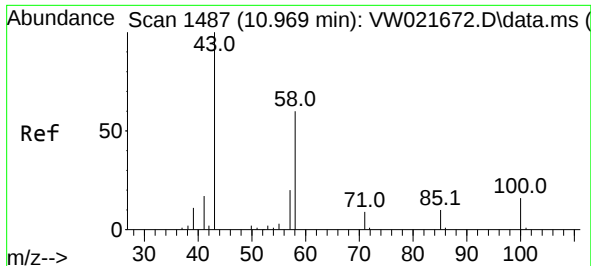
164 100

129 88.5 65.5 121.7

131 84.4 59.7 110.9

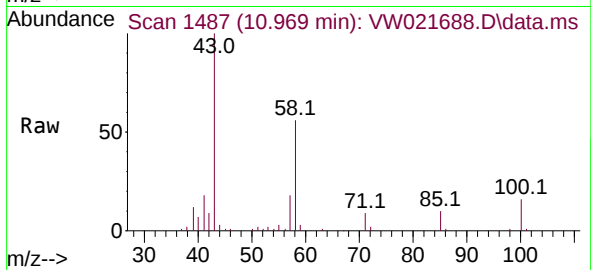
166 138.2 88.7 164.7



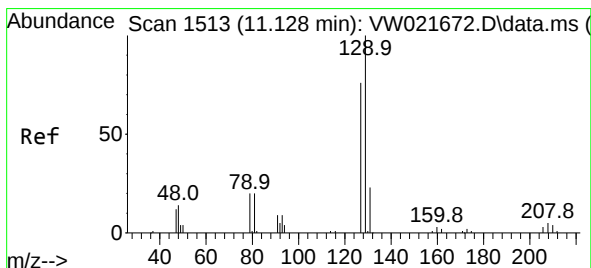
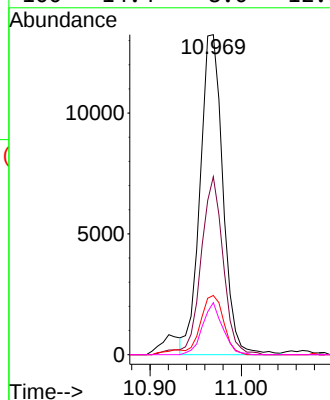
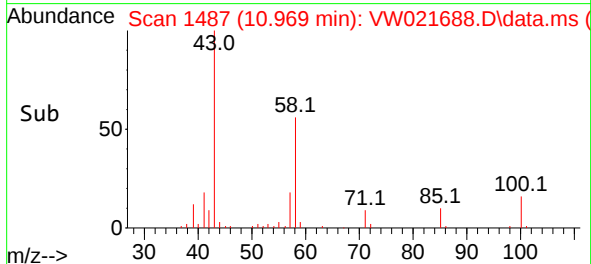


#48
2-Hexanone
Concen: 55.557 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Instrument :
MSVOA_W
ClientSampleId :

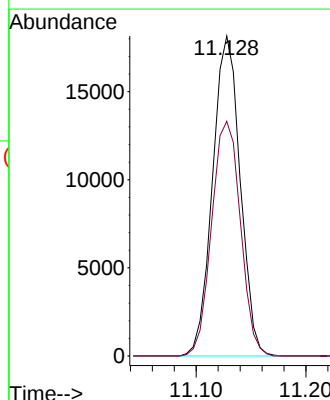
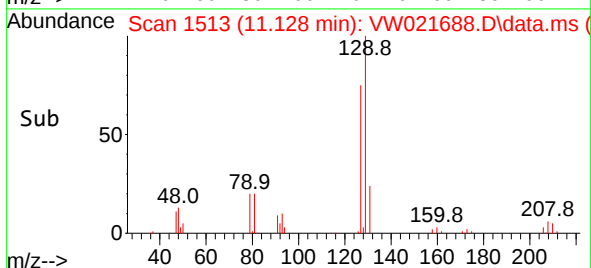
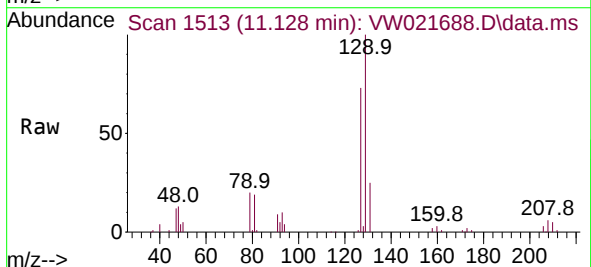


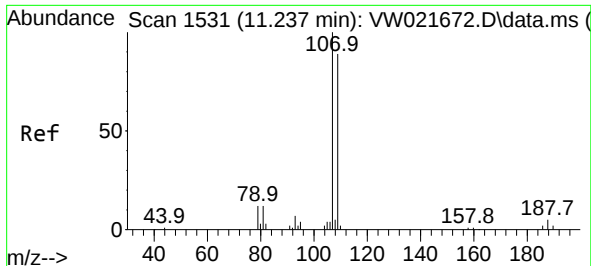
Tgt Ion: 43 Resp: 22963
Ion Ratio Lower Upper
43 100
58 50.9 40.2 60.2
57 18.4 14.3 21.5
100 14.4 8.0 12.0#



#49
Dibromochloromethane
Concen: 25.770 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

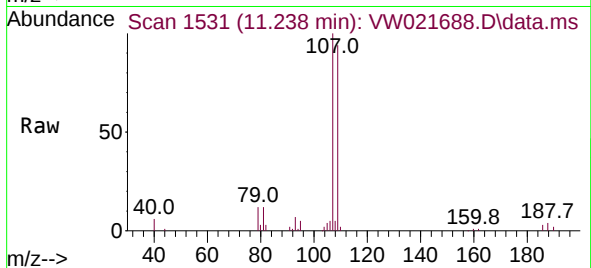
Tgt Ion: 129 Resp: 31774
Ion Ratio Lower Upper
129 100
127 73.3 55.7 103.5



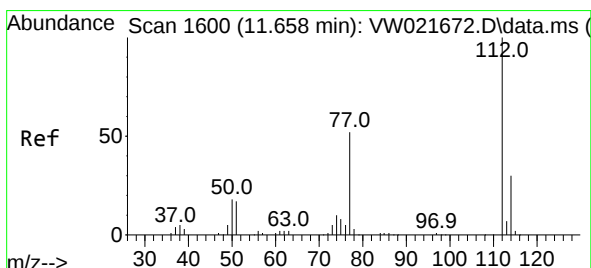
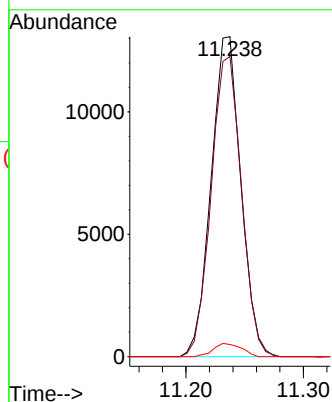
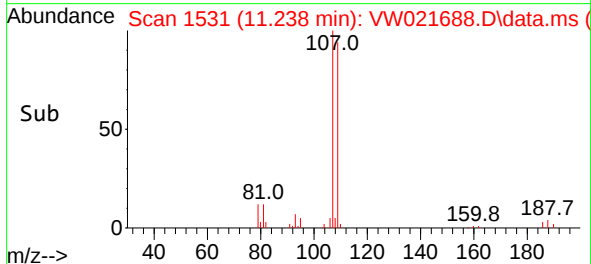


#50
1,2-Dibromoethane
Concen: 24.949 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Instrument :
MSVOA_W
ClientSampleId :

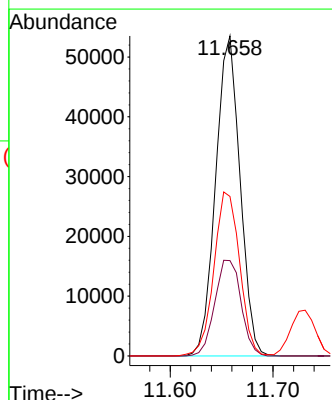
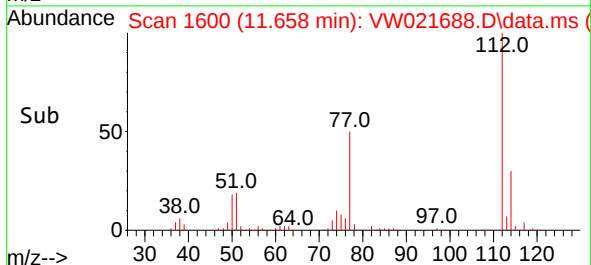
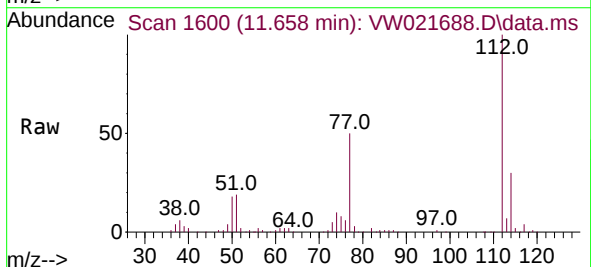


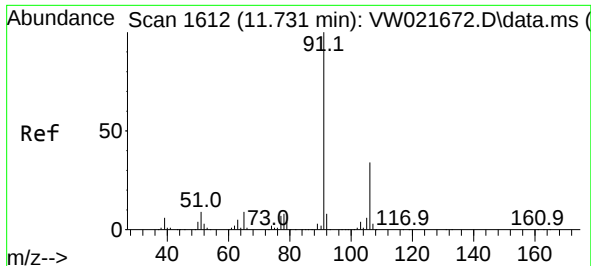
Tgt Ion:107 Resp: 22994
Ion Ratio Lower Upper
107 100
109 93.8 64.1 119.1
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 23.776 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion:112 Resp: 88285
Ion Ratio Lower Upper
112 100
114 29.8 22.4 41.6
77 49.8 50.2 75.4#





#52

Ethylbenzene

Concen: 22.780 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

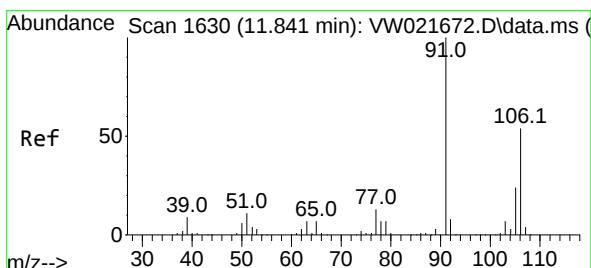
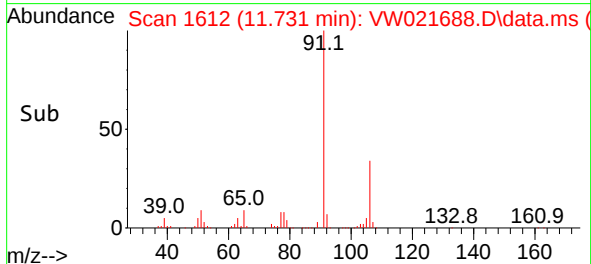
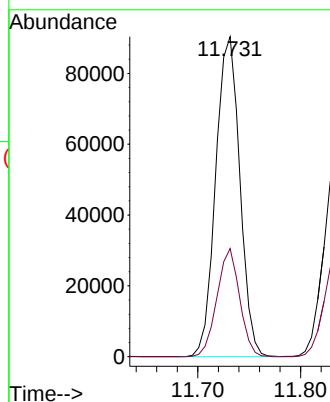
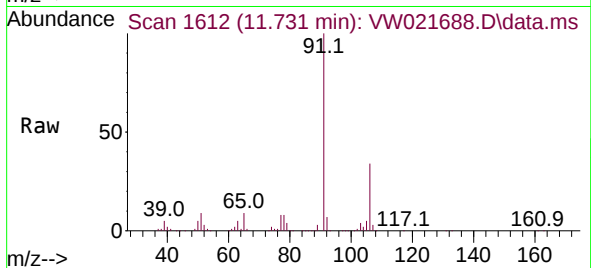
ClientSampleId :

Tgt Ion: 91 Resp: 147153

Ion Ratio Lower Upper

91 100

106 33.8 21.5 39.9



#53

m,p-Xylene

Concen: 22.527 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021688.D

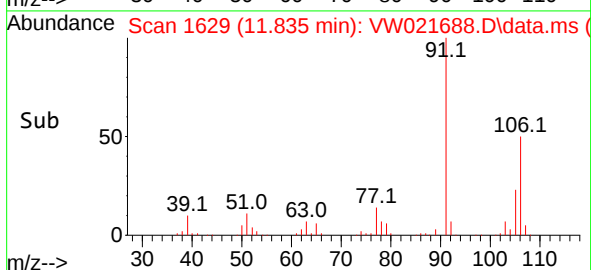
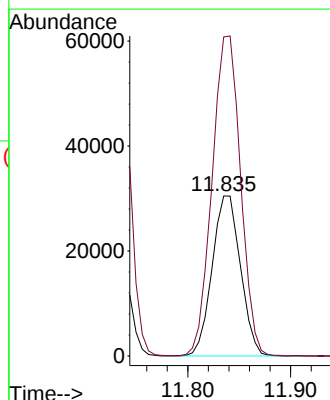
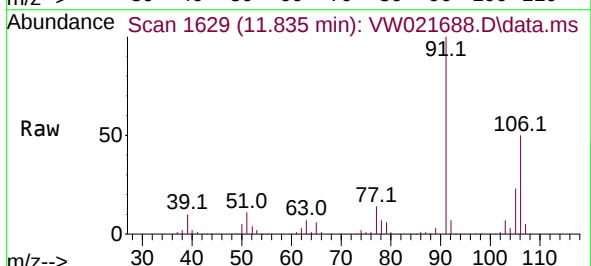
Acq: 29 Dec 2021 13:27

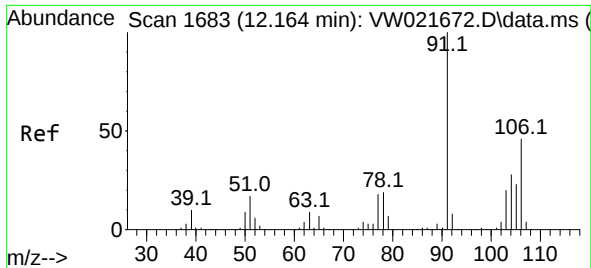
Tgt Ion:106 Resp: 58310

Ion Ratio Lower Upper

106 100

91 199.4 149.9 278.3

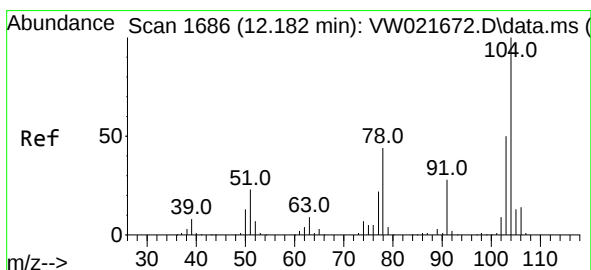
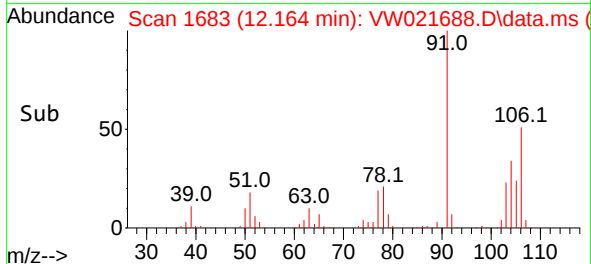
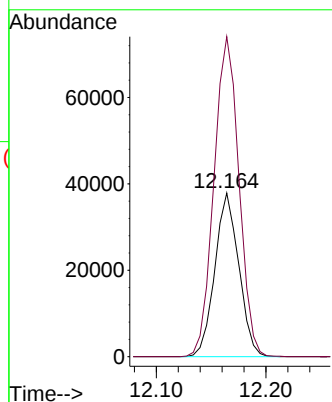
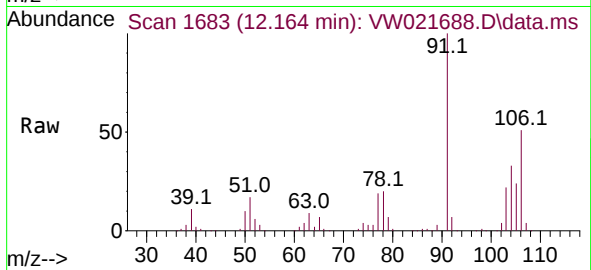




#54
o-Xylene
Concen: 23.415 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

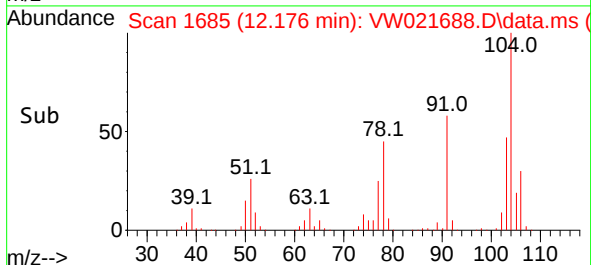
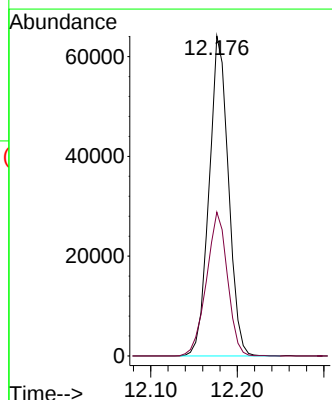
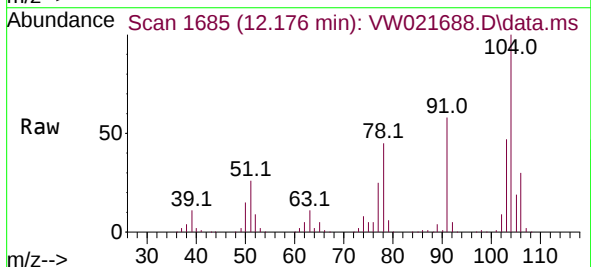
Instrument :
MSVOA_W
ClientSampleId :

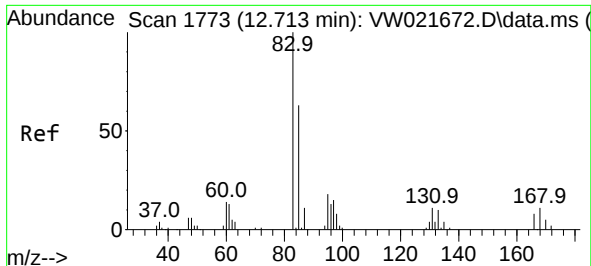
Tgt Ion:106 Resp: 57443
Ion Ratio Lower Upper
106 100
91 195.5 153.6 285.3



#55
Styrene
Concen: 23.601 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion:104 Resp: 99438
Ion Ratio Lower Upper
104 100
78 45.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.671 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021688.D

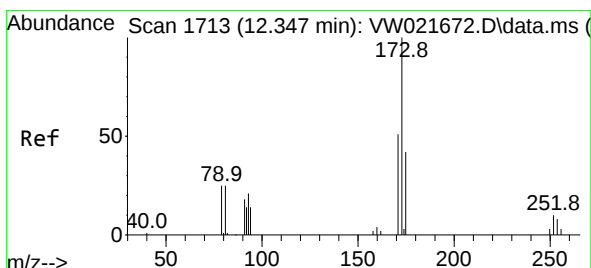
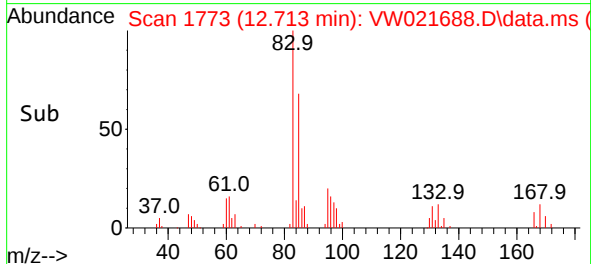
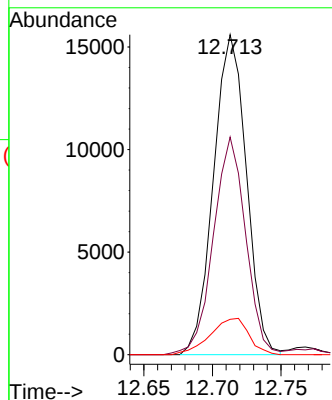
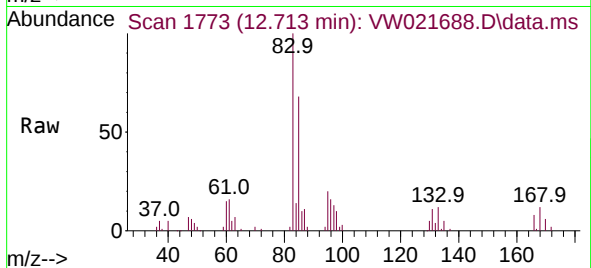
Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 26059
Ion Ratio	Lower Upper
83 100	
85 68.0	44.0 81.6
131 11.1	6.9 10.3#



#59

Bromoform

Concen: 27.812 ug/L

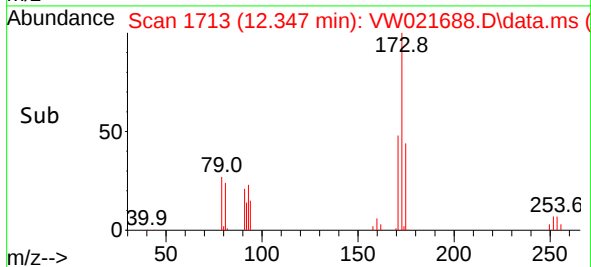
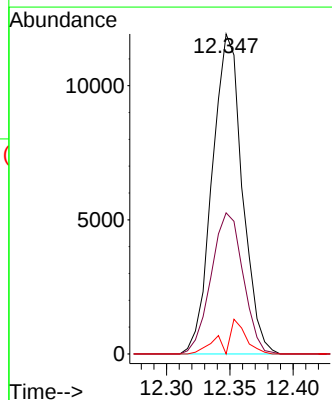
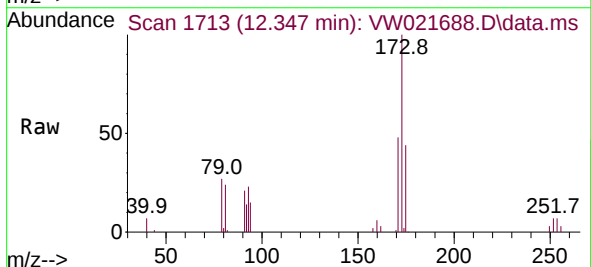
RT: 12.347 min Scan# 1713

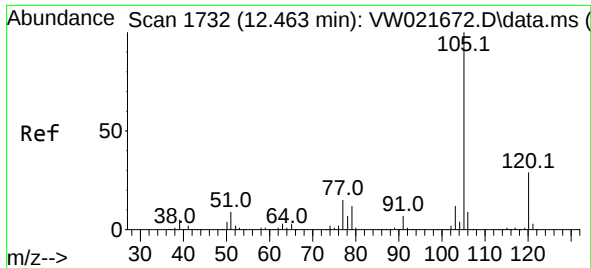
Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Tgt Ion: 173	Resp: 19730
Ion Ratio	Lower Upper
173 100	
175 46.9	39.6 59.4
254 2.5	7.4 11.0#

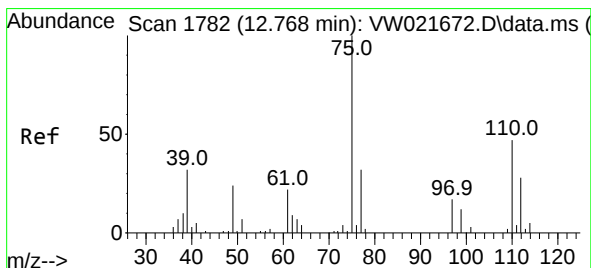
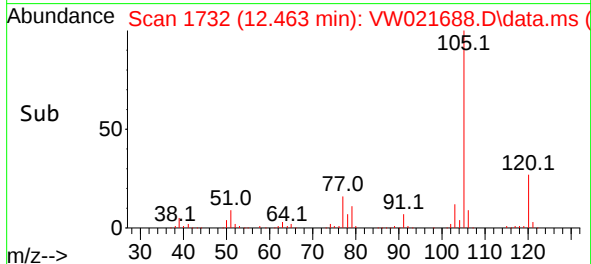
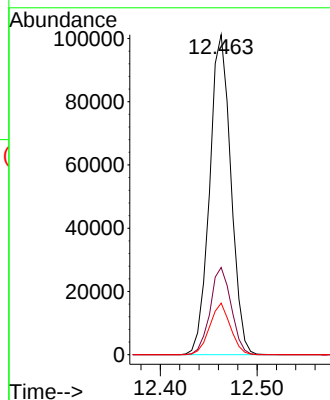
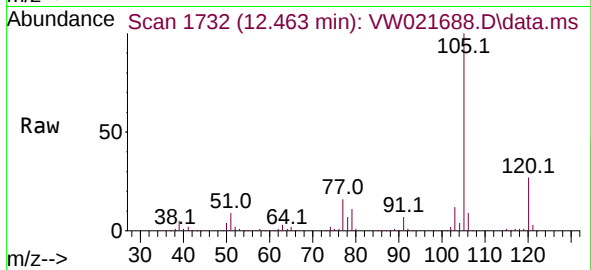




#60
Isopropylbenzene
Concen: 22.844 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

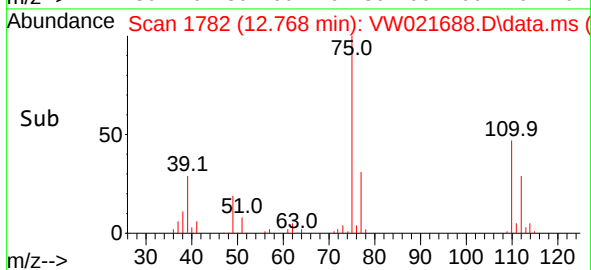
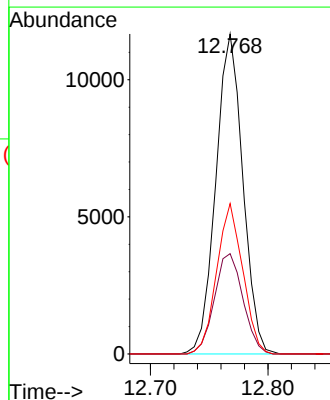
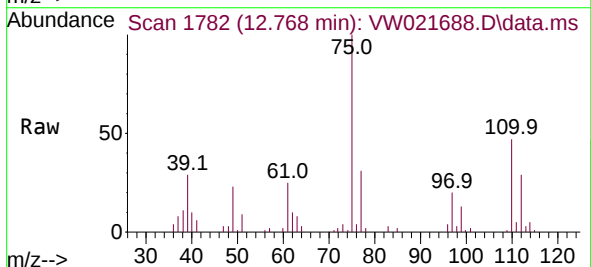
Instrument :
MSVOA_W
ClientSampleId :

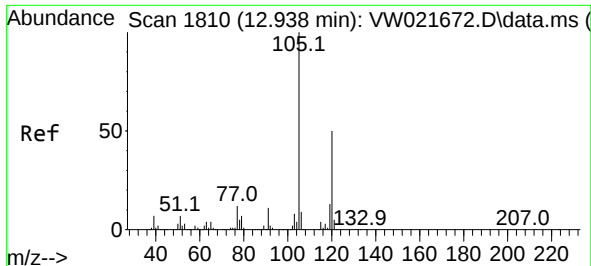
Tgt Ion:105 Resp: 154785
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.067 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion: 75 Resp: 18645
Ion Ratio Lower Upper
75 100
77 33.2 25.8 38.8
110 45.3 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 23.105 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

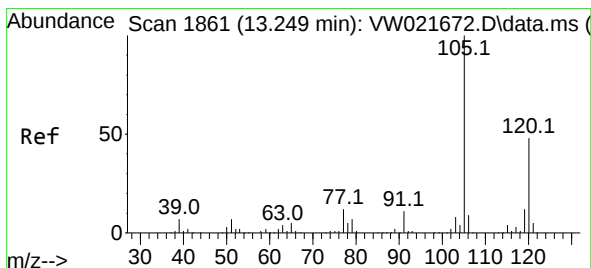
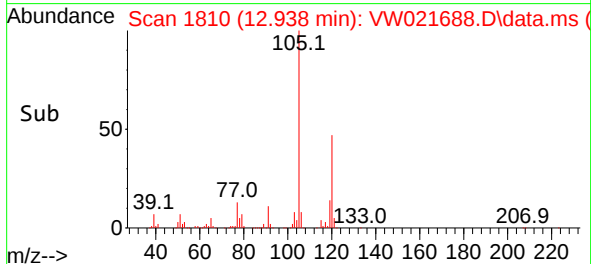
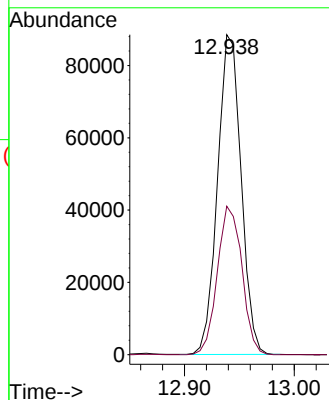
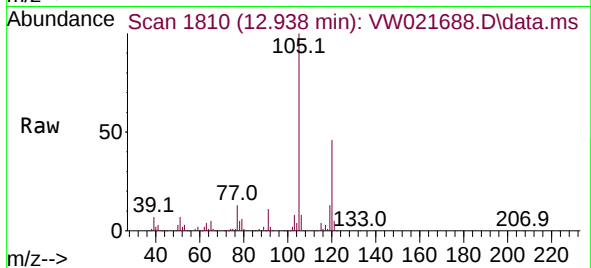
ClientSampleId :

Tgt Ion:105 Resp: 132357

Ion Ratio Lower Upper

105 100

120 48.4 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.896 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021688.D

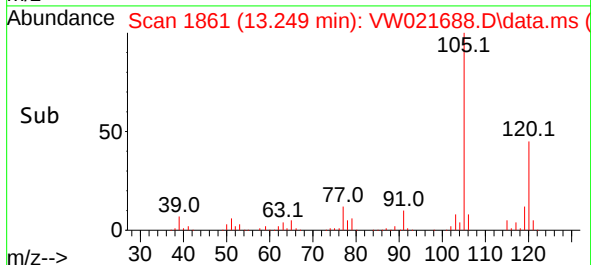
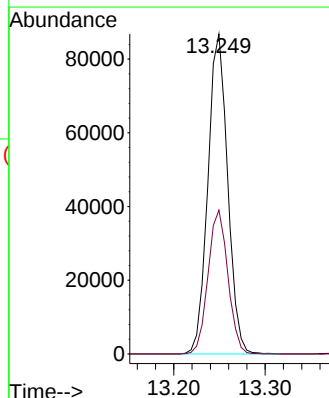
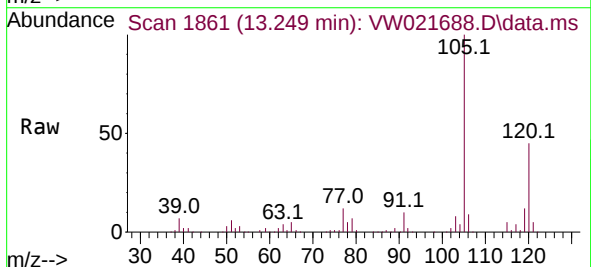
Acq: 29 Dec 2021 13:27

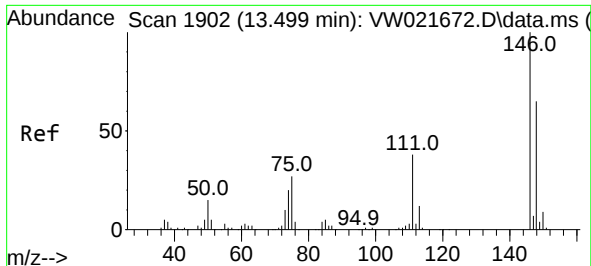
Tgt Ion:105 Resp: 130280

Ion Ratio Lower Upper

105 100

120 45.0 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 21.909 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :

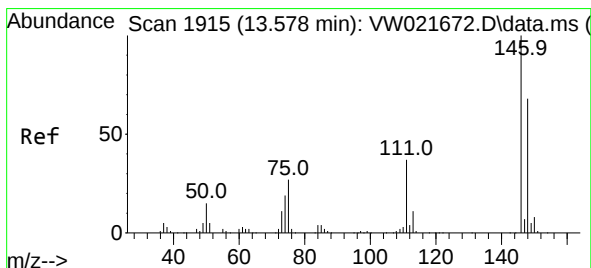
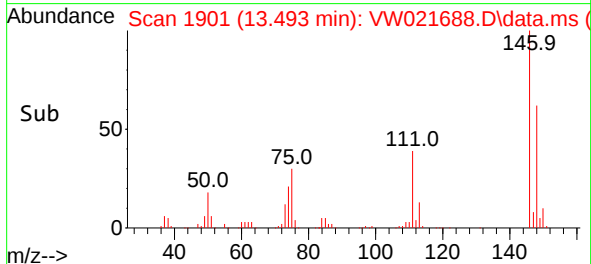
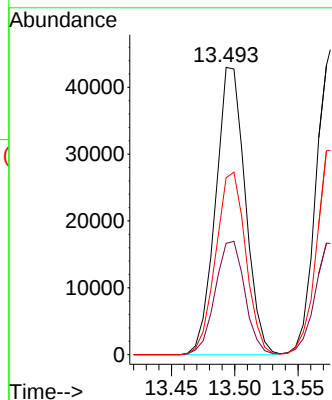
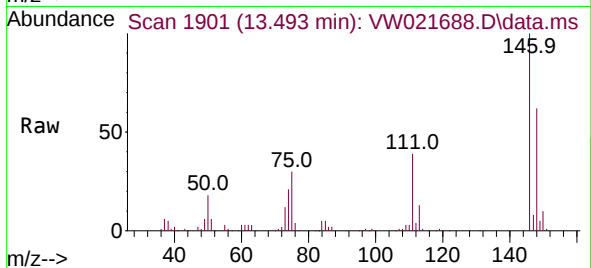
Tgt Ion:146 Resp: 70089

Ion Ratio Lower Upper

146 100

111 38.7 29.8 55.3

148 61.6 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 23.655 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

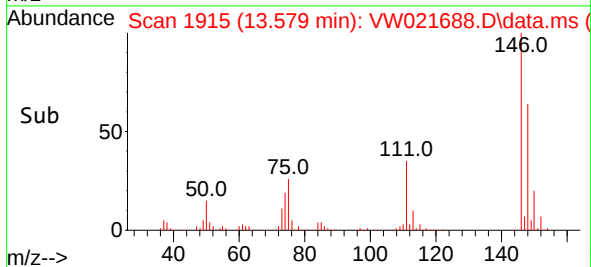
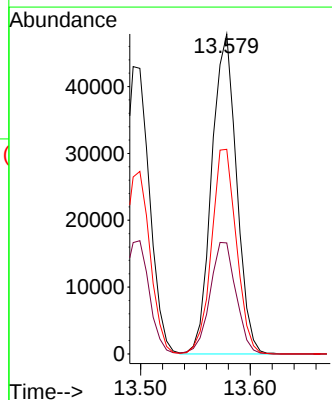
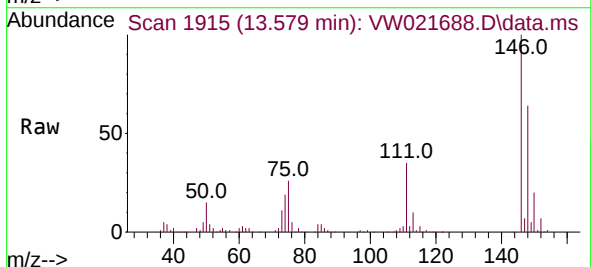
Tgt Ion:146 Resp: 75459

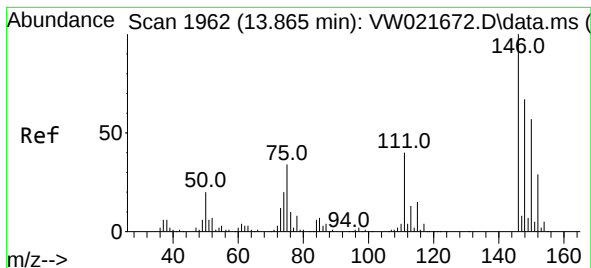
Ion Ratio Lower Upper

146 100

111 34.7 29.0 53.9

148 64.0 46.9 87.1

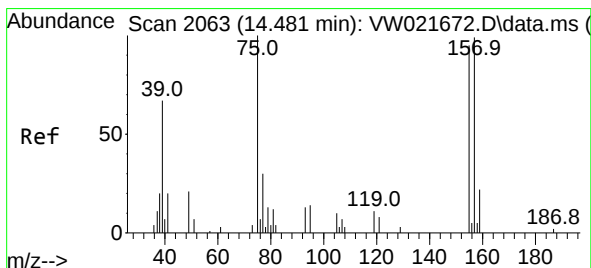
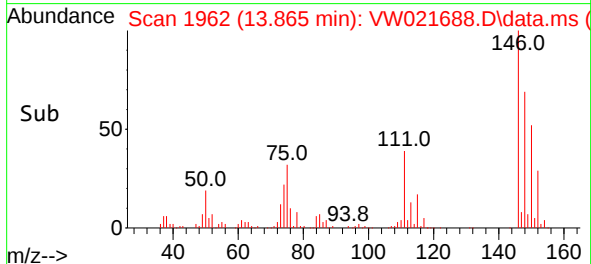
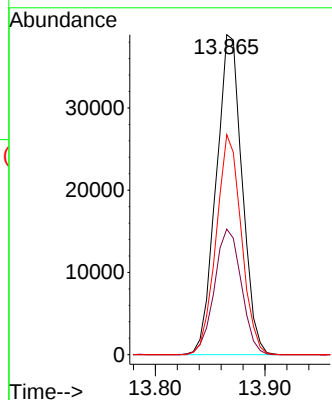
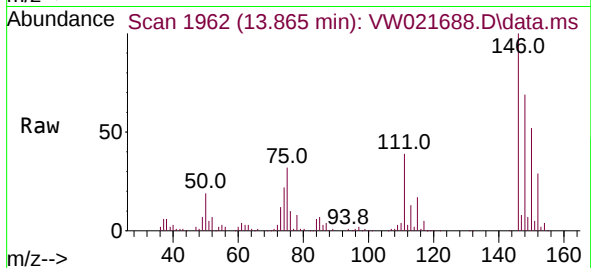




#67
1,2-Dichlorobenzene
Concen: 22.935 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

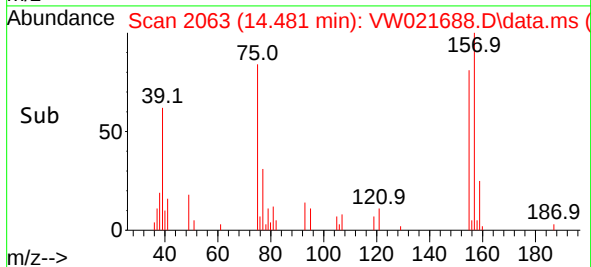
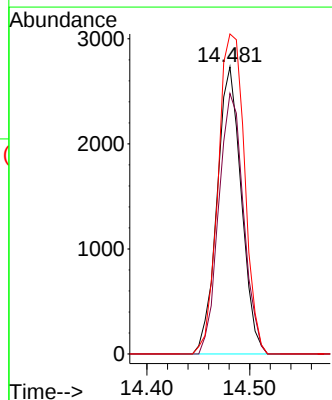
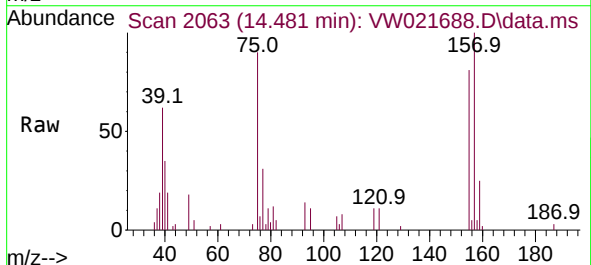
Instrument :
MSVOA_W
ClientSampleId :

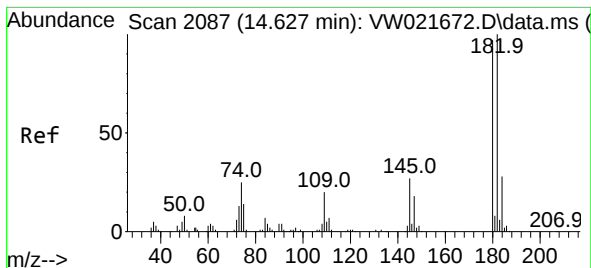
Tgt Ion:146 Resp: 64059
Ion Ratio Lower Upper
146 100
111 39.2 33.1 49.7
148 68.8 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 27.391 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021688.D
Acq: 29 Dec 2021 13:27

Tgt Ion: 75 Resp: 4486
Ion Ratio Lower Upper
75 100
155 90.7 54.2 81.2#
157 111.5 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 22.325 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

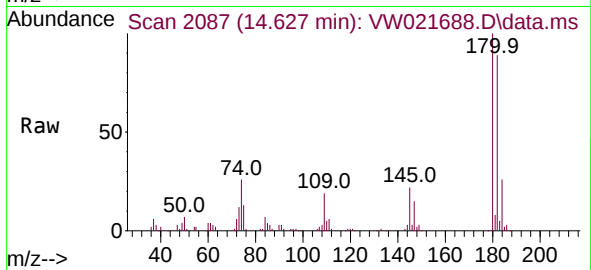
Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 52465

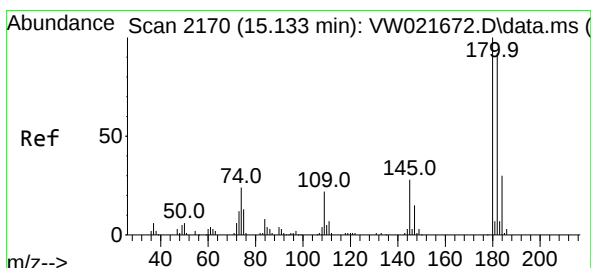
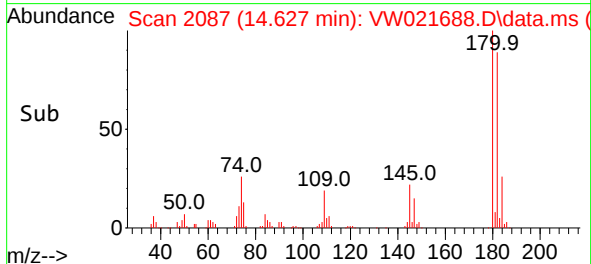
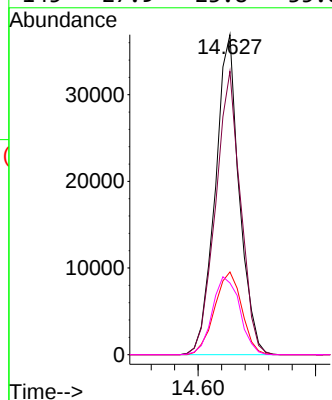
Ion Ratio Lower Upper

180 100

182 92.0 75.4 113.0

184 29.3 23.8 35.8

145 27.9 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.252 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

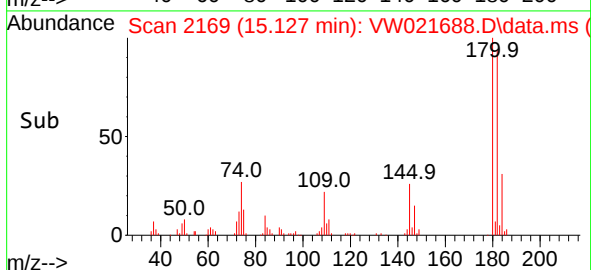
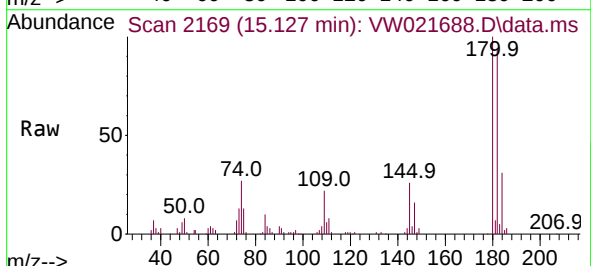
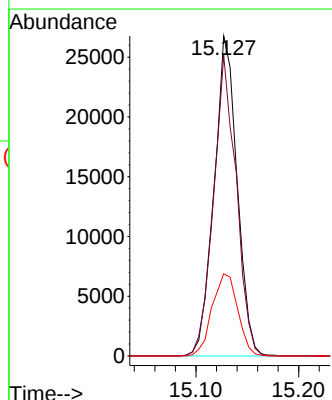
Tgt Ion:180 Resp: 41742

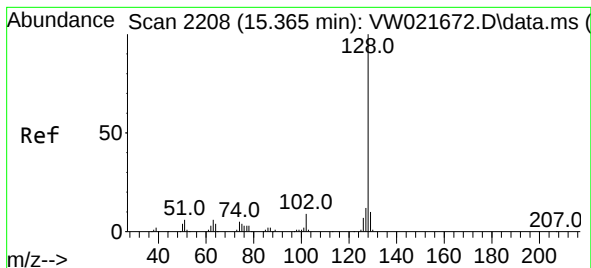
Ion Ratio Lower Upper

180 100

182 92.3 79.0 118.6

145 28.5 26.0 39.0





#71

Naphthalene

Concen: 23.776 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

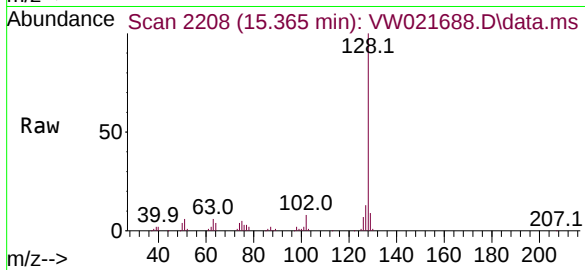
Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Instrument :

MSVOA_W

ClientSampleId :



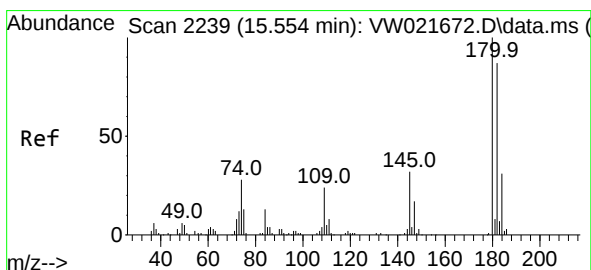
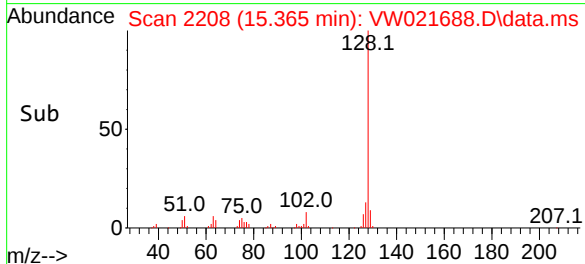
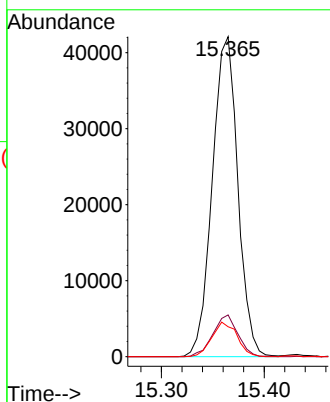
Tgt Ion:128 Resp: 72568

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.102 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW021688.D

Acq: 29 Dec 2021 13:27

Tgt Ion:180 Resp: 34901

Ion Ratio Lower Upper

180 100

182 92.7 76.6 114.8

145 31.1 27.4 41.0

